Form 5500

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Annual Return/Report of Employee Benefit Plan

This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code).

▶ **Complete all entries in accordance with the instructions to the Form 5500.**

OMB Nos. 1210-0110
1210-0089

2018

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2018 or fiscal plan year beginning 06/01/2018 and ending 05/31/2019

A This return/report is for:
- [ ] a multiemployer plan
- [ ] a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)
- [X] a single-employer plan
- [ ] a DFE (specify) ____

B This return/report is:
- [ ] the first return/report
- [ ] the final return/report
- [ ] an amended return/report
- [ ] a short plan year return/report (less than 12 months)

C If the plan is a collectively-bargained plan, check here. . . . . ▶ [ ]

D Check box if filing under:
- [X] Form 5558
- [ ] automatic extension
- [ ] the DFVC program
- [ ] special extension (enter description)

Part II Basic Plan Information—enter all requested information

1a Name of plan
PARKER-HANNIFIN CONSOLIDATED PENSION PLAN - A

1b Three-digit plan number (PN) ▶ 001

1c Effective date of plan 06/01/1982

2a Plan sponsor's name (employer, if for a single-employer plan)
Mailing address (include room, apt., suite no. and street, or P.O. Box)
City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions)
PARKER HANNIFIN FILTRATION (US). INC.

6035 PARKLAND BOULEVARD
CLEVELAND, OH 44124-4141

2b Employer Identification Number (EIN)
26-1200603

2c Plan Sponsor's telephone number
216-896-3000

2d Business code (see instructions)
333900

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	03/03/2020	PATRICIA EMOND
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a Plan administrator's name and address ☐ Same as Plan Sponsor

PARKER TOTAL REWARDS ADMINISTRATION COMMITTEE

6035 PARKLAND BOULEVARD
CLEVELAND, OH 44124-4141

3b Administrator's EIN: 34-0451060

3c Administrator's telephone number: 216-896-3000

4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report:

a Sponsor's name: PECOFACET (US)INC.

c Plan Name: PARKER-HANNIFIN CONSOLIDATED PENSION PLAN - A

4b EIN: 26-1200603

4d PN: 001

5 Total number of participants at the beginning of the plan year	**5**	34935
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines **6a(1), 6a(2), 6b, 6c,** and **6d**).		
a(1) Total number of active participants at the beginning of the plan year	**6a(1)**	9780
a(2) Total number of active participants at the end of the plan year	**6a(2)**	9458
b Retired or separated participants receiving benefits	**6b**	16001
c Other retired or separated participants entitled to future benefits	**6c**	6274
d Subtotal. Add lines **6a(2)**, **6b**, and **6c**	**6d**	31733
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.	**6e**	3289
f Total. Add lines **6d** and **6e**	**6f**	35022
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	**6g**	
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	**6h**	88
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	**7**	

8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:

1A 1B 1I

b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:

9a Plan funding arrangement (check all that apply)		**9b** Plan benefit arrangement (check all that apply)	
(1) Insurance	☐	**(1)** Insurance	☐
(2) Code section 412(e)(3) insurance contracts	☐	**(2)** Code section 412(e)(3) insurance contracts	☐
(3) Trust	☒	**(3)** Trust	☒
(4) General assets of the sponsor	☐	**(4)** General assets of the sponsor	☐

10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

(1)	☒	**R** (Retirement Plan Information)
(2)	☐	**MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
(3)	☒	**SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary

b General Schedules

(1)	☒		**H** (Financial Information)
(2)	☐		**I** (Financial Information – Small Plan)
(3)	☐	0	**A** (Insurance Information)
(4)	☒		**C** (Service Provider Information)
(5)	☒		**D** (DFE/Participating Plan Information)
(6)	☐		**G** (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ..... ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ..... ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2018 Form M-1 annual report. If the plan was not required to file the 2018 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code_____

SCHEDULE SB (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Single-Employer Defined Benefit Plan Actuarial Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500 or 5500-SF.**

OMB No. 1210-0110

2018

This Form is Open to Public Inspection

For calendar plan year 2018 or fiscal plan year beginning 06/01/2018 and ending 05/31/2019

▶ **Round off amounts to nearest dollar.**

▶ **Caution:** A penalty of $1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan
PARKER-HANNIFIN CONSOLIDATED PENSION PLAN - A

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF
PARKER HANNIFIN FILTRATION (US). INC.

D Employer Identification Number (EIN)
26-1200603

E Type of plan: [X] Single [ ] Multiple-A [ ] Multiple-B

F Prior year plan size: [ ] 100 or fewer [ ] 101-500 [X] More than 500

Part I Basic Information

1 Enter the valuation date: Month 06 Day 01 Year 2018

2 Assets:

a Market value	**2a**	3152332173
b Actuarial value	**2b**	3082108849

3 Funding target/participant count breakdown

	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a For retired participants and beneficiaries receiving payment	18745	1625233226	1625233226
b For terminated vested participants	6410	278525001	278525001
c For active participants	9780	852861387	882767630
d Total	34935	2756619614	2786525857

4 If the plan is in at-risk status, check the box and complete lines (a) and (b) [ ]

a Funding target disregarding prescribed at-risk assumptions	**4a**	
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	**4b**	
5 Effective interest rate	**5**	5.66 %
6 Target normal cost	**6**	50418370

Statement by Enrolled Actuary

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE

Signature of actuary — Date: 02/20/2020

GREGORY H. REYNOLDS — Type or print name of actuary

17-06401 — Most recent enrollment number

AON CONSULTING, INC. — Firm name

216-573-9700 — Telephone number (including area code)

5005 ROCKSIDE ROAD
INDEPENDENCE, OH 44131

Address of the firm

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions [ ]

Part II Beginning of Year Carryover and Prefunding Balances

		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	309447504
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	67079074
9	Amount remaining (line 7 minus line 8)	0	242368430
10	Interest on line 9 using prior year's actual return of 7.34 %	0	16262922
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year)		185517143
	b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of 5.84%		7291995
	b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		4498859
	c Total available at beginning of current plan year to add to prefunding balance		197307997
	d Portion of (c) to be added to prefunding balance		109000000
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	367631352

Part III Funding Percentages

14	Funding target attainment percentage	14	97.41%
15	Adjusted funding target attainment percentage	15	110.61%
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	122.50%
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage.	17	%

Part IV Contributions and Liquidity Shortfalls

18 Contributions made to the plan for the plan year by employer(s) and employees:

(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
			Totals ► 18(b)	0	18(c) 0

19	Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:		
	a Contributions allocated toward unpaid minimum required contributions from prior years	19a	0
	b Contributions made to avoid restrictions adjusted to valuation date	19b	0
	c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	0

20 Quarterly contributions and liquidity shortfalls:

a Did the plan have a "funding shortfall" for the prior year? [X] Yes [ ] No

b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? [X] Yes [ ] No

c If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year

(1) 1st	(2) 2nd	(3) 3rd	(4) 4th
0	0	0	0

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:

a Segment rates:

1st segment:	2nd segment:	3rd segment:	
3.92%	5.52%	6.29%	☐ N/A, full yield curve used

b Applicable month (enter code)	**21b**	4
22 Weighted average retirement age	**22**	62

23 Mortality table(s) (see instructions)

Prior regulation: ☐ Prescribed - combined ☒ Prescribed - separate ☐ Substitute

Current regulation: ☐ Prescribed - combined ☐ Prescribed - separate ☐ Substitute

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment. ☒ Yes ☐ No

25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment. ☒ Yes ☐ No

26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment. ☒ Yes ☐ No

27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment	**27**	

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	**28**	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	**29**	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	**30**	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):

a Target normal cost (line 6)	**31a**	50418370
b Excess assets, if applicable, but not greater than line 31a	**31b**	0

32 Amortization installments:	Outstanding Balance	Installment
a Net shortfall amortization installment	72048360	15509867
b Waiver amortization installment	0	0

33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	**33**	
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)	**34**	65928237

	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement	0	65928237	65928237

36 Additional cash requirement (line 34 minus line 35)	**36**	0
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	**37**	0

38 Present value of excess contributions for current year (see instructions)

a Total (excess, if any, of line 37 over line 36)	**38a**	0
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	**38b**	0
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	**39**	0
40 Unpaid minimum required contributions for all years	**40**	0

Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)

41 If an election was made to use PRA 2010 funding relief for this plan:

a Schedule elected ☐ 2 plus 7 years ☐ 15 years

b Eligible plan year(s) for which the election in line 41a was made ☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011

SCHEDULE C (Form 5500)	Service Provider Information	OMB No. 1210-0110
Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ **File as an attachment to Form 5500.**	**2018** **This Form is Open to Public Inspection.**

For calendar plan year 2018 or fiscal plan year beginning 06/01/2018 and ending 05/31/2019

A Name of plan
PARKER-HANNIFIN CONSOLIDATED PENSION PLAN - A

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500
PARKER HANNIFIN FILTRATION (US). INC.

D Employer Identification Number (EIN)
26-1200603

Part I Service Provider Information (see instructions)

You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions).. . . . . ☐ Yes ☒ No

b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

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2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

CONDUENT HR SOLUTIONS, LLC

04-3609848

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
13	PLAN ADMINISTRATOR	1060548	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

(a) Enter name and EIN or address (see instructions)

GRANTHAM MAYO

04-2691242

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28	INVESTMENT MANAGER	1035483	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

(a) Enter name and EIN or address (see instructions)

CAPITAL GUARDIAN

95-2553868

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28	INVESTMENT MANAGER	947557	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

WALTER SCOTT GLOBAL INV MGMT

76-6192146

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 40	INVESTMENT MANAGER	901985	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

(a) Enter name and EIN or address (see instructions)

JP MORGAN

13-4179575

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28	INVESTMENT MANAGER	883912	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

(a) Enter name and EIN or address (see instructions)

ABERDEEN ASSET MANAGEMENT

51-0368279

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28	INVESTMENT MANAGER	881977	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

PIMCO

33-0629048

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28	INVESTMENT MANAGER	806605	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

(a) Enter name and EIN or address (see instructions)

SANDS CAPITAL MANAGEMENT, LLC

20-2830751

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28	INVESTMENT MANAGER	724346	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

(a) Enter name and EIN or address (see instructions)

FRANKLIN TEMPLETON GLOBAL

80-0733663

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28	INVESTMENT MANAGER	700154	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

COPPER ROCK INTERNATIONAL

27-2016436

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28	INVESTMENT MANAGER	674040	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

(a) Enter name and EIN or address (see instructions)

BANK OF NEW YORK MELLON

13-5160382

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
21	TRUSTEE	671869	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

(a) Enter name and EIN or address (see instructions)

AON CONSULTING, INC.

36-2265791

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
10	ACTUARY	522788	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

PZENA

13-3860154

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28	INVESTMENT MANAGER	440391	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

(a) Enter name and EIN or address (see instructions)

HEXAVEST, INC.

27-4751991

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 40	INVESTMENT MANAGER	353431	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

(a) Enter name and EIN or address (see instructions)

PARKER HANNIFIN CORPORATION

34-0451060

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	PENSION ADMINISTRATION	351238	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

WILLIAM BLAIR & COMPANY, LLC.

36-2214610

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28	INVESTMENT MANAGER	327095	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

(a) Enter name and EIN or address (see instructions)

BLACK ROCK INST'L TRUST CO, N.A.

26-3816145

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28	INVESTMENT MANAGER	155340	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

(a) Enter name and EIN or address (see instructions)

NEW ENGLAND PENSION CONSULTANTS

26-1429809

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
27	INVESTMENT ADVISOR	121359	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

BAKER AND HOSTELLAR

34-0082025

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
29	LEGAL COUNSEL	96537	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

(a) Enter name and EIN or address (see instructions)

RSM US LLP

42-0714325

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
10	AUDITORS	25000	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

(a) Enter name and EIN or address (see instructions)

TOWERS WATSON DELAWARE

52-2211537

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
11 50	ACTUARY	19503	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

TOTAL MARKETING RESOURCES

27-3112843

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
36	PRINTING AND MAILING	18828	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

(a) Enter name and EIN or address (see instructions)

LBMC

62-1199757

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
10	AUDITORS	8900	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes [ ] No [ ]	Yes [ ] No [ ]		Yes [ ] No [ ]

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)

(complete as many entries as needed)

a Name: RSM US LLP
b EIN: 42-0714325
c Position: ACCOUNTANTS
d Address: 1001 LAKESIDE AVE E
SUITE 200
CLEVELAND, OH 44114
e Telephone: 216-523-1900

Explanation: AS A RESULT OF THE COMPANY'S SAVINGS PLAN(401K)FORMER ACCOUNTING FIRM VOLUNTARILY CEASING THEIR RELATIONSHIP WITH THE AFOREMENTIONED PLAN, THE COMPANY DECIDED TO EMPLOY ONLY ONE ACCOUNTING FIRM TO PROVIDE SERVICES FOR ALL OF ITS BENEFIT PLANS.

a Name:
b EIN:
c Position:
d Address:
e Telephone:

Explanation:

a Name:
b EIN:
c Position:
d Address:
e Telephone:

Explanation:

a Name:
b EIN:
c Position:
d Address:
e Telephone:

Explanation:

a Name:
b EIN:
c Position:
d Address:
e Telephone:

Explanation:

SCHEDULE D (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

DFE/Participating Plan Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2018

This Form is Open to Public Inspection.

For calendar plan year 2018 or fiscal plan year beginning 06/01/2018 and ending 05/31/2019

A Name of plan
PARKER-HANNIFIN CONSOLIDATED PENSION PLAN - A

B Three-digit plan number (PN) ▶ 001

C Plan or DFE sponsor's name as shown on line 2a of Form 5500
PARKER HANNIFIN FILTRATION (US). INC.

D Employer Identification Number (EIN)
26-1200603

Part I Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs)

(Complete as many entries as needed to report all interests in DFEs)

a Name of MTIA, CCT, PSA, or 103-12 IE: MULTI-ASSET CREDIT FUND

b Name of sponsor of entity listed in (a): AON HEWITT INVESTMENT CONSULTING, INC.

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
27-2436452-004	C	220486433

a Name of MTIA, CCT, PSA, or 103-12 IE: GLOBAL EQUITY FUND

b Name of sponsor of entity listed in (a): AON HEWITT INVESTMENT CONSULTING, INC.

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
27-2436452-011	C	371768481

a Name of MTIA, CCT, PSA, or 103-12 IE: RUSSELL SMALL CAP VALUE INDEX NL SF

b Name of sponsor of entity listed in (a): STATE STREET GLOBAL ADVISORS TRUST COMPANY

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
27-6627365-000	C	82862382

a Name of MTIA, CCT, PSA, or 103-12 IE: S&P 500 (R) INDEX NL SF CL A

b Name of sponsor of entity listed in (a): STATE STREET GLOBAL ADVISORS TRUST COMPANY

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
27-6627365-000	C	189899312

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

Part II Information on Participating Plans (to be completed by DFEs)

(Complete as many entries as needed to report all participating plans)

a Plan name	
b Name of plan sponsor	**c** EIN-PN

a Plan name	
b Name of plan sponsor	**c** EIN-PN

a Plan name	
b Name of plan sponsor	**c** EIN-PN

a Plan name	
b Name of plan sponsor	**c** EIN-PN

a Plan name	
b Name of plan sponsor	**c** EIN-PN

a Plan name	
b Name of plan sponsor	**c** EIN-PN

a Plan name	
b Name of plan sponsor	**c** EIN-PN

a Plan name	
b Name of plan sponsor	**c** EIN-PN

a Plan name	
b Name of plan sponsor	**c** EIN-PN

a Plan name	
b Name of plan sponsor	**c** EIN-PN

a Plan name	
b Name of plan sponsor	**c** EIN-PN

a Plan name	
b Name of plan sponsor	**c** EIN-PN

SCHEDULE H (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Financial Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2018

This Form is Open to Public Inspection

For calendar plan year 2018 or fiscal plan year beginning 06/01/2018 and ending 05/31/2019

A Name of plan
PARKER-HANNIFIN CONSOLIDATED PENSION PLAN - A

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500
PARKER HANNIFIN FILTRATION (US). INC.

D Employer Identification Number (EIN)
26-1200603

Part I Asset and Liability Statement

1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)		
(2) Participant contributions	1b(2)		
(3) Other	1b(3)	4446089	10378947
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)	43624129	121524328
(2) U.S. Government securities	1c(2)	219004068	411372050
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)	51942501	498563204
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)	476144851	0
(5) Partnership/joint venture interests	1c(5)	242016527	252000199
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans	1c(8)		
(9) Value of interest in common/collective trusts	1c(9)	1303674009	1170208840
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)	531076006	667979004
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)		
(15) Other	1c(15)	501280	403924

			(a) Beginning of Year	(b) End of Year
1d	Employer-related investments:			
	(1) Employer securities	1d(1)	227210696	202508678
	(2) Employer real property	1d(2)		
e	Buildings and other property used in plan operation	1e		
f	Total assets (add all amounts in lines 1a through 1e)	1f	3099640156	3334939174
	Liabilities			
g	Benefit claims payable	1g		
h	Operating payables	1h		
i	Acquisition indebtedness	1i		
j	Other liabilities	1j	143713457	284670364
k	Total liabilities (add all amounts in lines 1g through1j)	1k	143713457	284670364
	Net Assets			
l	Net assets (subtract line 1k from line 1f)	1l	2955926699	3050268810

Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

			(a) Amount	(b) Total
	Income			
a	**Contributions:**			
	(1) Received or receivable in cash from: **(A)** Employers	2a(1)(A)	200000000	
	(B) Participants	2a(1)(B)		
	(C) Others (including rollovers)	2a(1)(C)		
	(2) Noncash contributions	2a(2)		
	(3) Total contributions. Add lines **2a(1)(A), (B), (C),** and line **2a(2)**	2a(3)		200000000
b	**Earnings on investments:**			
	(1) Interest:			
	(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	6849432	
	(B) U.S. Government securities	2b(1)(B)		
	(C) Corporate debt instruments	2b(1)(C)		
	(D) Loans (other than to participants)	2b(1)(D)		
	(E) Participant loans	2b(1)(E)		
	(F) Other	2b(1)(F)		
	(G) Total interest. Add lines **2b(1)(A)** through **(F)**	2b(1)(G)		6849432
	(2) Dividends: **(A)** Preferred stock	2b(2)(A)		
	(B) Common stock	2b(2)(B)	35701882	
	(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)		
	(D) Total dividends. Add lines **2b(2)(A)**, **(B)**, and **(C)**	2b(2)(D)		35701882
	(3) Rents	2b(3)		
	(4) Net gain (loss) on sale of assets: **(A)** Aggregate proceeds	2b(4)(A)	536161110	
	(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
	(C) Subtract line **2b(4)(B)** from line **2b(4)(A)** and enter result	2b(4)(C)		536161110
	(5) Unrealized appreciation (depreciation) of assets: **(A)** Real estate	2b(5)(A)		
	(B) Other	2b(5)(B)	-123011898	
	(C) Total unrealized appreciation of assets. Add lines **2b(5)(A)** and **(B)**	2b(5)(C)		-123011898

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		-369414309
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		-7119150
c Other income	2c		
d Total income. Add all **income** amounts in column (b) and enter total	2d		279167067
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	168747627	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines **2e(1)** through **(3)**	2e(4)		168747627
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses: **(1)** Professional fees	2i(1)	1723068	
(2) Contract administrator fees	2i(2)	1060548	
(3) Investment advisory and management fees	2i(3)	8954177	
(4) Other	2i(4)	4339536	
(5) Total administrative expenses. Add lines **2i(1)** through **(4)**	2i(5)		16077329
j Total expenses. Add all **expense** amounts in column (b) and enter total	2j		184824956
Net Income and Reconciliation			
k Net income (loss). Subtract line **2j** from line **2d**	2k		94342111
l Transfers of assets:			
(1) To this plan	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) [ ] Unqualified **(2)** [ ] Qualified **(3)** [X] Disclaimer **(4)** [ ] Adverse

b Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)? [X] Yes [ ] No

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: BOBER, MARKEY, FEDOROVICH & COMPANY **(2)** EIN: 34-1523030

d The opinion of an independent qualified public accountant is **not attached** because:

(1) [ ] This form is filed for a CCT, PSA, or MTIA. **(2)** [ ] It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

		Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)	4a		X	
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)	4b		X	

			Yes	No	Amount
c	Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)	4c		X	
d	Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)	4d		X	
e	Was this plan covered by a fidelity bond?	4e	X		40000000
f	Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	4f		X	
g	Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?	4g		X	
h	Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?	4h		X	
i	Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	4i	X		
j	Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked, and see instructions for format requirements.)	4j	X		
k	Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	4k		X	
l	Has the plan failed to provide any benefit when due under the plan?	4l		X	
m	If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	4m		X	
n	If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.	4n			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year? ☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	**5b(2)** EIN(s)	**5b(3)** PN(s)

5c If the plan is a defined benefit plan, is it covered under the PBGC insurance program (See ERISA section 4021.)? ..... ☒ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 4194774. (See instructions.)

SCHEDULE R (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Retirement Plan Information

This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2018

This Form is Open to Public Inspection.

For calendar plan year 2018 or fiscal plan year beginning 06/01/2018 and ending 05/31/2019

A Name of plan
PARKER-HANNIFIN CONSOLIDATED PENSION PLAN - A

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500
PARKER HANNIFIN FILTRATION (US). INC.

D Employer Identification Number (EIN)
26-1200603

Part I Distributions

All references to distributions relate only to payments of benefits during the plan year.

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions **1** 0

2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits):

EIN(s): 23-1945930

Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.

3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year **3** 51

Part II Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)

4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ..... ☐ **Yes** ☒ **No** ☐ **N/A**

If the plan is a defined benefit plan, go to line 8.

5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. **Date:** Month _____ Day _____ Year _____

If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.

6 **a** Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived) **6a**

b Enter the amount contributed by the employer to the plan for this plan year **6b**

c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount) **6c**

If you completed line 6c, skip lines 8 and 9.

7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ..... ☐ **Yes** ☐ **No** ☐ **N/A**

8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ..... ☐ **Yes** ☐ **No** ☒ **N/A**

Part III Amendments

9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box. ..... ☒ **Increase** ☐ **Decrease** ☐ **Both** ☐ **No**

Part IV ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.

10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan? ..... ☐ **Yes** ☐ **No**

11 **a** Does the ESOP hold any preferred stock? ..... ☐ **Yes** ☐ **No**

b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.) ..... ☐ **Yes** ☐ **No**

12 Does the ESOP hold any stock that is not readily tradable on an established securities market? ..... ☐ **Yes** ☐ **No**

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify):

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

14 Enter the number of participants on whose behalf no contributions were made by an employer as an employer of the participant for:

a The current year	**14a**	
b The plan year immediately preceding the current plan year	**14b**	
c The second preceding plan year	**14c**	

15 Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

a The corresponding number for the plan year immediately preceding the current plan year	**15a**	
b The corresponding number for the second preceding plan year	**15b**	

16 Information with respect to any employers who withdrew from the plan during the preceding plan year:

a Enter the number of employers who withdrew during the preceding plan year	**16a**	
b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	**16b**	

17 If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment. ☐

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

18 If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐

19 If the total number of participants is 1,000 or more, complete lines (a) through (c)

a Enter the percentage of plan assets held as:
Stock: 44.0 % Investment-Grade Debt: 24.0 % High-Yield Debt: 2.0 % Real Estate: 0.0 % Other: 30.0 %

b Provide the average duration of the combined investment-grade and high-yield debt:
☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☒ 15-18 years ☐ 18-21 years ☐ 21 years or more

c What duration measure was used to calculate line 19(b)?
☒ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify):

Parker-Hannifin
Consolidated Pension Plan - A

Financial Report
May 31, 2019

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BOBER MARKEY FEDOROVICH
CERTIFIED PUBLIC ACCOUNTANTS/BUSINESS ADVISORS
A PROFESSIONAL CORPORATION

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INDEPENDENT AUDITORS' REPORT

To the Board of Directors of
Parker-Hannifin Corporation and Participants of the
Parker-Hannifin Consolidated Pension Plan - A
Cleveland, Ohio

Report on the Financial Statements

We were engaged to audit the accompanying financial statements of Parker-Hannifin Consolidated Pension Plan - A (the "Plan"), which comprise the statements of net assets available for benefits and of accumulated plan benefits as of May 31, 2019, and the related statements of changes in net assets available for benefits and of changes in accumulated plan benefits for the year then ended, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on conducting the audit in accordance with auditing standards generally accepted in the United States of America. Because of the matter described in the Basis for Disclaimer of Opinion paragraph, however, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion.

Basis for Disclaimer of Opinion

As permitted by 29 CFR 2520.103-8 of the Department of Labor's ("DOL") Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 ("ERISA"), the plan administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Note 10, which was certified by Bank of New York Mellon, the trustee of the Plan, except for comparing the information with the related information included in the financial statements. We have been informed by the plan administrator that the trustee holds the Plan's investment assets and executes investment transactions. The plan administrator has obtained a certification from the trustee as of and for the year ended May 31, 2019, that the information provided to the plan administrator by the trustee is complete and accurate.

Disclaimer of Opinion

Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion. Accordingly, we do not express an opinion on these financial statements.

Other Matter – 2018 Financial Statements

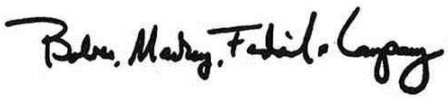
The financial statements of the Plan as of May 31, 2018, were audited by predecessor auditors. As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA, the plan administrator instructed the predecessor auditors not to perform, and they did not perform, any auditing procedures with respect to the information certified by the trustee of the Plan. Their report, dated March 13, 2019, indicated that (a) because of the significance of the information that they did not audit, they were unable to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion and accordingly, they did not express an opinion on the financial statements and (b) the form and content of the information included in the financial statements other than that derived from the information certified by the trustee, were presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Their report included an emphasis-of-matter paragraph describing the plan mergers that occurred during the year ended May 31, 2018.

Other Matter – Supplemental Schedules

The supplemental schedules, Schedule H, Line 4i – Schedule of Assets (Held at End of Year) as of May 31, 2019 and Schedule H, Line 4j – Schedule of Reportable Transactions for the year ended May 31, 2019, are required by the DOL's Rules and Regulations for Reporting and Disclosure under ERISA and are presented for the purpose of additional analysis and are not a required part of the financial statements. Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we do not express an opinion on the supplemental schedules referred to above.

Report on Form and Content in Compliance With DOL Rules and Regulations

The form and content of the information included in the financial statements and supplemental schedules, other than that derived from the information certified by the trustee, have been audited by us in accordance with auditing standards generally accepted in the United States of America and, in our opinion, are presented in compliance with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.



BOBER, MARKEY, FEDOROVICH & COMPANY
Cleveland, Ohio

December 6, 2019

Parker-Hannifin Consolidated Pension Plan - A

Statements of Net Assets Available for Benefits
May 31, 2019 and 2018

	2019	2018
ASSETS		
Investments, at fair value (Note 6)	**$3,324,560,227**	$3,095,194,067
Accrued interest and dividends	**10,378,947**	4,446,089
Total Assets	**3,334,939,174**	3,099,640,156
LIABILITIES		
Net pending purchases	**284,670,364**	143,713,457
Net Assets Available For Benefits	**$3,050,268,810**	$2,955,926,699

The accompanying notes are an integral part
of the financial statements.

Parker-Hannifin Consolidated Pension Plan - A

Statements of Changes in Net Assets Available for Benefits
Year Ended May 31, 2019 and 2018

	2019	2018
ADDITIONS		
Investment income		
Interest and dividend income	**$ 42,551,314**	$ 36,279,650
Net appreciation in the fair value of investments	**36,615,753**	161,192,624
Employer contributions (Note 2)	**200,000,000**	—
Total additions	**279,167,067**	**197,472,274**
DEDUCTIONS		
Benefit payments	**168,747,627**	144,957,996
Administrative expenses	**16,077,329**	11,607,586
Total deductions	**184,824,956**	156,565,582
Net increase	**94,342,111**	40,906,692
Transfers from other plans (Notes 1 and 4)	**—**	2,893,055,512
Net Assets Available For Benefits - Beginning Of Year	**2,955,926,699**	21,964,495
Net Assets Available For Benefits - End Of Year	**$3,050,268,810**	$2,955,926,699

The accompanying notes are an integral part
of the financial statements.

Parker-Hannifin Consolidated Pension Plan - A

Statement of Accumulated Plan Benefits
May 31, 2018

Actuarial Present Value of Accumulated Plan Benefits (Note 3)	
Vested benefits:	
Participants currently receiving payments	$ 1,480,868,525
Other vested participants	973,712,645
Total vested benefits	2,454,581,170
Nonvested benefits	24,292,166
Total Actuarial Present Value of Accumulated Plan Benefits	$ 2,478,873,336

Statement of Changes in Accumulated Plan Benefits
Year Ended May 31, 2018

Actuarial Present Value of Accumulated Plan Benefits - Beginning of Year	$ 15,790,344
Increase (decrease) during the year attributable to:	
Assumed plan benefits resulting from plan mergers	2,307,581,404
Benefit accruals and plan experience	148,669,802
Assumption changes	107,248,982
Plan amendments	49,272,160
Change in discount period	(4,731,360)
Benefits paid	(144,957,996)
Actuarial Present Value of Accumulated Plan Benefits - End of Year	$ 2,478,873,336

The accompanying notes are an integral part
of the financial statements.

1. Description of the Plan

The Parker-Hannifin Consolidated Pension Plan - A, previously named the Retirement Plan for Employees of Perry Equipment Corporation, (the Plan) is a noncontributory defined benefit pension plan. Effective June 19, 2018, the Plan Sponsor of the Plan changed from PECOFacet (US), Inc. to Parker-Hannifin Filtration (US) Inc., both wholly-owned subsidiaries of Parker Hannifin Corporation (the Company). The Company contributes such amounts as necessary, on an actuarial basis, to provide plan assets sufficient to pay benefits to the Plan's participants. The normal retirement age is 65. The Plan also provides for early retirement upon reaching established age and service levels, certain disability benefits, death benefits and certain termination provisions. Participants should refer to the appropriate summary plan description or the plan document for more complete information. The Plan is subject to the provisions of the Employee Retirement Income Security Act (ERISA), as amended, the Pension Protection Act of 2006 (PPA), as amended and corrected, and the Moving Ahead for Progress in the 21st Century Act (MAP-21).

During the plan year ended May 31, 2018, the Parker Hannifin Consolidated Plan and the CLARCOR Inc. Pension Plan merged into the Plan. Participants of these merged pension plans retained all benefits of their respective plan that were in effect immediately preceding the mergers into the Plan. Automatic participation in the Plan by new employees of the Company is restricted to certain employees. Most new employees of the Company are automatically enrolled in a defined contribution plan in lieu of their participation in the Plan. As a result of the Company's continual consolidation of its pension plans, a majority of the Company's employees have frozen pension benefits in the Plan as well as ongoing participation in the defined contribution plan.

2. Summary of Significant Accounting Policies

Basis of Accounting The accompanying financial statements are prepared on the accrual basis of accounting, however, benefit payments are recorded when paid.

Investment Valuation Investments are measured at fair value. Quoted market prices, net asset values or other observable inputs are used to determine the estimated fair value of the underlying investments of the Plan. Purchases and sales of securities are reflected on a trade-date basis.

Income Recognition Dividend income is recorded on the ex-dividend date. Interest is recorded as earned on an accrual basis. Gain or loss on disposition of securities is based on average cost of the investments. Net appreciation (depreciation) in the fair value of its investments reported in the statements of changes in net assets available for benefits consists of the realized gains (losses) from the sale of investments and the unrealized appreciation (depreciation) on those investments.

Contributions Company contributions meet the minimum funding requirements of ERISA , the PPA and MAP-21 and were designed to fund the Plan's current service costs on a current basis and to fund over the applicable time period the estimated accrued benefit cost arising from qualifying past service. The Company was not required to make any contributions for the years ended May 31, 2019 and 2018. A discretionary cash contribution of $200,000,000 was made during the year ended May 31, 2019. The investment income of the Plan served to reduce future contributions that would otherwise be required to provide for the defined level of benefits under the Plan.

Expenses The Plan’s expenses are paid either by the Plan or the Company, as provided by the plan document. Expenses that are paid directly by the Company are excluded from these financial statements.

Risk and Uncertainties The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities can occur and that such change can materially affect the amounts reported in the statements of net assets available for benefits.

Plan contributions are made and the actuarial present value of accumulated plan benefits are reported based on certain assumptions pertaining to interest rates, inflation rates and employee demographics, all of which are subject to change. Due to uncertainties in the estimation and assumptions process, it is at least reasonably possible that changes in these estimates and assumptions in the near term would be material to the financial statements.

Other The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires the plan administrator to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes.

In August 2018, the Financial Accounting Standards Board (FASB) issued Accounting Standards Update (ASU) 2018-13, "Fair Value Measurement." ASU 2018-13 aims to improve disclosure effectiveness by adding, modifying or removing certain disclosure requirements for both recurring and nonrecurring fair value measurements. ASU 2018-13 is effective for fiscal years, and interim periods within those years, beginning after December 15, 2019. Early adoption is permitted upon issuance of the ASU for any removed or modified disclosure. Adoption of additional disclosures may be delayed until their effective dates. The Plan adopted ASU 2018-13 during the plan year ended May 31, 2019. The adoption of ASU 2018-13 did not materially impact the Plan's financial statements or related disclosures.

Subsequent Events The Plan evaluates subsequent events that occur through the date these financial statements are available to be issued.

3. Benefits

Accumulated plan benefits were calculated by consulting actuaries at June 1, 2018, the most recent benefit information date. Had the valuation been performed as of May 31, 2018, there would be no material differences in the accumulated plan benefits. The valuation was performed using the RP-2014 tables, projected using generational scale MP-2018, an updated projection scale issued by the Society of Actuaries in 2018. Accumulated plan benefits represent those future periodic payments, including lump-sum distributions that are attributable under the Plan's provisions to the service employees have rendered and include benefits expected to be paid to (a) retired or terminated employees or their beneficiaries, (b) beneficiaries of employees who have died and (c) present employees or their beneficiaries. Benefits payable under all circumstances (retirement, death, disability and termination of employment) are included to the extent they are deemed attributable to employee service rendered to the valuation date.

The actuarial present value of accumulated plan benefits is the amount that results from applying actuarial assumptions to adjust the accumulated plan benefits to reflect the time value of money (through discounts for interest) and the probability of payment (by means of decrements such as for death, disability, withdrawal or retirement) between the valuation date and the expected dates of payments.

The significant assumptions for Plan reporting requirements underlying the Plan's actuarial computations at June 1, 2018 are as follows:

Actuarial Cost Method	Standard unit credit cost method
Interest Rate	7.0%
Mortality	Healthy - RP-2014 tables using projection scale MP-2018 with no collar adjustments for males and blue collar adjustments for females. Disabled - RP-2014 table using projection scale MP-2018.
Retirement Age	The incidence of retirement ranges from 5% to 100% for participants who are 55 or older.

The foregoing assumptions are based on the presumption that the Plan will continue. Were the Plan to terminate, different actuarial assumptions and other factors might be applicable in determining the actuarial present value of accumulated plan benefits.

4. Plan Mergers

During the plan year ended May 31, 2018, the following net assets and accumulated plan benefits were transferred to and assumed by the Plan:

Plan Name	Effective Date	Net Assets Transferred	Assumed Accumulated Plan Benefits
Parker-Hannifin Consolidated Pension Plan	6/30/2017	$ 2,747,441,850	$ 2,197,230,168
Clarcor Inc. Pension Plan	11/30/2017	145,613,662	110,351,236
Total		$ 2,893,055,512	$ 2,307,581,404

5. Termination Priorities

Should the Plan terminate at some future time, its net assets generally will not be available on a pro rata basis to provide participants' benefits. Whether a particular participant's accumulated plan benefits will be paid depends on both the priority of those benefits and the level of benefits guaranteed by, and the financial condition of, the Pension Benefit Guaranty Corporation (PBGC) at that time. Some benefits may be fully or partially provided for by the then existing assets and the PBGC guaranty while other benefits may not be provided for at all.

6. Investments

The Plan's investments at May 31, 2019 and 2018 are summarized as follows:

	2019		2018	
	Fair Value	**Cost**	Fair Value	Cost
Cash and cash equivalents	**$ 121,524,328**	**$ 121,523,487**	$ 43,624,129	$ 43,626,805
Equity securities:				
Parker-Hannifin Corporation	**202,508,678**	**19,135,336**	227,210,696	19,135,336
Other	**—**	**—**	476,144,851	352,597,196
Government securities	**411,372,050**	**387,562,845**	219,004,068	210,244,969
Corporate debt securities	**498,563,204**	**494,251,431**	51,942,501	53,773,162
Mutual funds	**667,979,004**	**675,018,912**	531,076,006	530,996,765
Common/collective trusts	**1,170,208,840**	**1,195,025,096**	1,303,674,009	959,075,956
Limited partnerships	**252,000,199**	**203,231,068**	242,016,527	196,290,615
Miscellaneous	**403,924**	**2,937,048**	501,280	3,304,276
Total investments	**3,324,560,227**	**3,098,685,223**	3,095,194,067	2,369,045,080
Accrued interest and dividends	**10,378,947**	**10,378,947**	4,446,089	4,446,089
Net pending purchases	**(284,670,364)**	**(284,670,364)**	(143,713,457)	(143,713,457)
Total net investments	**$ 3,050,268,810**	**$ 2,824,393,806**	$ 2,955,926,699	$ 2,229,777,712

7. Fair Value Measurements

A summary of the Plan's investments that were measured at fair value on a recurring basis at May 31, 2019 follows:

	Total	Quoted Prices in Active Markets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Cash and cash equivalents	**$ 121,524,328**	**$ 124,163,328**	**$ (2,639,000)**	**$ —**
Equity securities	**202,508,678**	**202,508,678**	**—**	**—**
Government securities	**411,372,050**	**345,415,742**	**65,956,308**	**—**
Corporate debt securities	**498,563,204**	**—**	**498,563,204**	**—**
Mutual funds	**378,648,154**	**378,648,154**	**—**	**—**
Miscellaneous	**403,924**	**—**	**403,924**	**—**
Total investments in the fair value hierarchy	**1,613,020,338**	**$ 1,050,735,902**	**$ 562,284,436**	**$ —**
Investments measured at net asset value [(a)]	**1,711,539,889**			
	$ 3,324,560,227			

A summary of the Plan's investments that were measured at fair value on a recurring basis at May 31, 2018 follows:

	Total	Quoted Prices in Active Markets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Cash and cash equivalents	$ 43,624,129	$ 41,255,129	$ 2,369,000	$ —
Equity securities	703,355,547	703,355,547	—	—
Government securities	219,004,068	153,945,659	65,058,409	—
Corporate debt securities	51,942,501	—	51,942,501	—
Mutual funds	303,979,494	303,979,494	—	—
Miscellaneous	501,280	—	501,280	—
Total investments in the fair value hierarchy	1,322,407,019	$ 1,202,535,829	$ 119,871,190	$ —
Investments measured at net asset value [(a)]	1,772,787,048			
	$ 3,095,194,067			

[(a)] Certain investments that were measured at net asset value per share (or its equivalent) have not been classified in the fair value hierarchy. These amounts are presented in the tables above to permit reconciliation of the fair value hierarchy to the amounts presented in the statement of net assets available for benefits.

Cash equivalents, which include repurchase agreements and other short-term investments, were valued at cost, which approximates fair value.

Equity securities consist of common stock of both U.S. and foreign corporations and were valued at the closing price reported on the active market on which the individual securities are traded.

Government securities and corporate debt securities are valued using both market observable inputs for similar assets that were traded on an active market and the closing price on the active market on which the individual securities are traded.

Mutual funds were valued using the closing market price reported on the active market on which the fund was traded. The funds primarily provided exposure to U.S. and international equities, high-yield and emerging market fixed income securities, real estate and commodities.

Miscellaneous includes a long term private placement investment and a life insurance product which were measured at fair value using observable inputs.

Investments measured at net asset value include non-exchange traded mutual funds, common/collective trusts and limited partnerships. Non-exchange traded mutual funds consist primarily of fixed income securities available to institutional clients. Common/collective trusts primarily consist of equity and fixed income funds and provide exposure to large, mid and small cap U.S. equities, international large and small cap equities, emerging market equities, and U.S., international and emerging market debt securities. Non-exchange traded mutual funds can be redeemed daily and without restriction. Common/collective trust investments can be redeemed after giving appropriate notice to the issuer. Limited partnerships include hedge funds which can be redeemed either monthly or quarterly and without restriction after giving appropriate notice to the issuer. Generally, the common/collective trusts require no more than a 60 day redemption notice while the limited partnership investments require no more than a 95 day redemption notice.

At May 31, 2019, the Plan had no unfunded commitments related to common/collective trusts or limited partnerships. Hedge funds provided exposure to a variety of hedging strategies including long/short equity, relative value, event driven and global macro.

The Plan's overall investment strategy is to opportunistically migrate from its traditional mix between growth seeking assets (primarily consisting of global public equities in developed and emerging countries and hedge fund strategies) and income generating assets (primarily consisting of high quality bonds, both domestic and global) to an allocation more heavily weighted toward liability-hedging assets. Over time, the Plan will continue to add long duration fixed income assets to the portfolio and eliminate hedge funds. These securities are highly correlated with the Company's pension liabilities and will be managed in a liability framework.

8. Party-In-Interest

Certain investments held by the Plan are cash equivalents managed by BNY Mellon (BNYM). The Plan also holds certain debt securities issued by BNYM. BNYM is the trustee as defined by the Plan and, therefore, these transactions qualify as party-in-interest transactions. Effective June 1, 2019, the Plan's investment adviser changed from NEPC Investment Consulting to Aon. As a result of the change, certain Plan investments are now managed by an affiliate of Aon, therefore establishing a new related party relationship.

Additionally, the Plan holds shares of Parker-Hannifin Corporation common stock. Investment activity related to these shares qualified as party-in-interest transactions.

9. Tax Status

The Plan obtained its last determination letter on September 22, 2017, in which the Internal Revenue Service stated that the Plan, as then designed, was in compliance with the applicable requirements of the Internal Revenue Code. No provision for income taxes was included in the Plan’s financial statements.

United States generally accepted accounting principles require the plan administrator to evaluate uncertain tax positions taken by the Plan. The plan administrator has concluded that as of May 31, 2019, there were no uncertain tax positions taken by the Plan. The Plan did not recognized any interest or penalties related to uncertain tax positions. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

10. Trustee Certification

The information used as a basis for the financial statements which was certified or provided by the trustee is as follows: Statements of Net Assets Available for Benefits – at fair value; Statements of Changes in Net Assets Available for Benefits – all additions except for employer contributions and Note 4.

Parker-Hannifin Consolidated Pension Plan - A
Schedule H, Line 4(i) – Schedule of Assets (Held at End of Year)
May 31, 2019
EIN 26-1200603

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(d) Cost	(e) Current value
*	CASH	CASH/CASH EQUIV; VAR RT 12/31/49 FEE CL 13; INVESTMENT FUND	$ 125,376,798	$ 125,376,798
*	CASH	CASH/CASH EQUIV; 01/01/49 DD 07/01/08	(3,338,000)	(3,338,000)
*	CASH	CASH/CASH EQUIV; US (MOSTLY INVESTMENT FUNDS) & FOREIGN	(515,311)	(514,470)
*	PARKER-HANNIFIN CORP	EQUITY SEC; No. of SHARES - 1,329,495	19,135,336	202,508,678
	ISHARES CORE MSCI EAFE ETF	MUTUAL FUND; No. of SHARES - 398,145	24,107,680	23,645,832
	ISHARES CORE MSCI EMERGING	MUTUAL FUND; No. of SHARES - 191,533	9,339,149	9,408,101
	ISHARES CORE S&P 500 ETF	MUTUAL FUND; No. of SHARES - 152,155	43,767,386	42,192,582
	GMO STRAT OPPOR ALLOCATION-3	MUTUAL FUND; No. of SHARES - 6,886,994	142,040,229	132,023,666
	S & P 500 INDEX (SPX)	MUTUAL FUND; No. of SHARES - (178)	(217,562)	(250,440)
	PIMCO ALL ASSET FUND INSTITUTION	MUTUAL FUND; No. of SHARES - 15,015,609	179,659,909	171,628,414
	PIMCO FDS LONG DURATION CORP	MUTUAL FUND; No. of SHARES - 23,311,167	269,572,020	282,298,237
	PIMCO FDS PAC INVT MGMT	MUTUAL FUND; No. of SHARES - 550,283	6,750,102	7,032,613
	S&P 500 (R) INDX NL SF CL A	CCT; No. of SHARES - 3,434,170	192,879,930	189,899,312
	SSGA GLOBAL EQUITY EX USA	CCT; No. of SHARES - 30,038,606	309,818,178	305,192,232
	RUSSELL SMALL/MID CAP (R) INDEX	CCT; No. of SHARES - 1,531,058	89,141,251	82,862,382
*	AON GLOBAL EQUITY PARTICIPANT	CCT; No. of SHARES - 20,652,966	381,185,737	371,768,481
*	AGT HIGH YIELD BOND	CCT; No. of SHARES - 13,802,365	222,000,000	220,486,433
	GMO MULTI-STRATEGY FUND OFFSHORE	LIMITED PARTNERSHIP; No. of SHARES - 51,094,431	40,408,235	51,094,431
	LIGHT HOUSE V FUND LIMITED	LIMITED PARTNERSHIP; No. of SHARES - 51,480	75,083,233	95,902,710
	MESIROW INSTNL MULTI-STARATEGY	LIMITED PARTNERSHIP; No. of SHARES - 91,606,963	76,400,000	91,606,963
	ENTRUST CLASS X SERIES	LIMITED PARTNERSHIP; No. of SHARES - 25,546	2,554,621	2,371,824
	ABERDEEN EMERGING MRKTS INSTL	LIMITED PARTNERSHIP; No. of SHARES - 878,128	8,784,979	11,024,271
	VFNC TRUST PROM NOTE C-11 144A	MISCELLANEOUS; No. of SHARES - 3,323,909	2,937,048	403,924
	US TREAS-CPI INFLATION	FIXED INCOME; GOVT; 1.750% 01/15/2028 DD 01/15/08 No. of SHARES - 473,140	518,564	527,471
	US TREAS-CPI INFLATION	FIXED INCOME; GOVT; 2.500% 01/15/2029 DD 01/15/09 No. of SHARES - 1,680,953	1,971,850	2,011,412
	US TREAS-CPI INFLATION	FIXED INCOME; GOVT; 1.375% 02/15/2044 DD 02/15/14 No. of SHARES - 436,208	476,028	497,906
	US TREAS-CPI INFLATION	FIXED INCOME; GOVT; 0.875% 02/15/2047 DD 02/15/17 No. of SHARES - 1,158,157	1,097,374	1,190,296

US TREAS-CPI INFLATION	FIXED INCOME; GOVT; 1.000% 02/15/2048 DD 02/15/18 No. of SHARES - 1,649,056	1,619,722	1,749,319
US TREAS-CPI INFLATION	FIXED INCOME; GOVT; 0.375% 07/15/2027 DD 07/15/17 No. of SHARES - 623,394	606,824	625,102
US TREAS-CPI INFLATION	FIXED INCOME; GOVT; 0.500% 01/15/2028 DD 01/15/18 No. of SHARES - 1,854,666	1,825,435	1,872,601
US TREAS-CPI INFLATION	FIXED INCOME; GOVT; 0.625% 01/15/2026 DD 01/15/16 No. of SHARES - 149,748	148,629	152,436
US TREAS-CPI INFLATION	FIXED INCOME; GOVT; 0.125% 04/15/2022 DD 04/15/17 No. of SHARES - 731,549	719,987	725,170
US TREAS-CPI INFLATION	FIXED INCOME; GOVT; 0.750% 07/15/2028 DD 07/15/18 No. of SHARES - 4,657,546	4,728,553	4,820,514
U S TREASURY BD CPN STRIP	FIXED INCOME; GOVT; 0.000% 02/15/2035 DD 02/15/06 No. of SHARES - 6,300,000	3,696,996	4,285,197
U S TREASURY BD CPN STRIP	FIXED INCOME; GOVT; 0.000% 05/15/2034 DD 08/15/07 No. of SHARES - 5,600,000	3,347,114	3,894,184
U S TREASURY BD CPN STRIP	FIXED INCOME; GOVT; 0.000% 11/15/2036 DD 08/15/07 No. of SHARES - 27,000,000	15,894,638	17,481,690
U S TREASURY BD PRIN STRIP	FIXED INCOME; GOVT; 0.000% 08/15/2040 DD 08/16/10 No. of SHARES - 60,000	25,497	35,473
U S TREASURY BOND	FIXED INCOME; GOVT; 4.375% 02/15/2038 DD 02/15/08 No. of SHARES - 250,000	307,251	326,515
U S TREASURY BOND	FIXED INCOME; GOVT; 4.500% 05/15/2038 DD 05/15/08 No. of SHARES - 3,600,000	4,702,037	4,778,856
U S TREASURY BOND	FIXED INCOME; GOVT; 4.250% 05/15/2039 DD 05/15/09 No. of SHARES - 1,900,000	2,367,303	2,456,643
U S TREASURY BOND	FIXED INCOME; GOVT; 4.500% 08/15/2039 DD 08/15/09 No. of SHARES - 1,400,000	1,799,984	1,869,546
U S TREASURY BOND	FIXED INCOME; GOVT; 4.375% 05/15/2040 DD 05/15/10 No. of SHARES - 560,000	701,463	737,582
U S TREASURY BOND	FIXED INCOME; GOVT; 3.875% 08/15/2040 DD 08/15/10 No. of SHARES - 330,000	381,272	407,461
U S TREASURY BOND	FIXED INCOME; GOVT; 4.250% 11/15/2040 DD 11/15/10 No. of SHARES - 16,700,000	20,934,473	21,681,276
U S TREASURY BOND	FIXED INCOME; GOVT; 4.750% 02/15/2041 DD 02/15/11 No. of SHARES - 50,000	67,929	69,221
U S TREASURY BOND	FIXED INCOME; GOVT; 4.375% 05/15/2041 DD 05/15/11 No. of SHARES - 9,800,000	12,247,128	12,949,818
U S TREASURY BOND	FIXED INCOME; GOVT; 3.125% 11/15/2041 DD 11/15/11 No. of SHARES - 3,830,000	3,978,379	4,238,125
U S TREASURY BOND	FIXED INCOME; GOVT; 3.000% 05/15/2042 DD 05/15/12 No. of SHARES - 20,000,000	20,760,394	21,657,800
U S TREASURY BOND	FIXED INCOME; GOVT; 2.750% 08/15/2042 DD 08/15/12 No. of SHARES - 1,500,000	1,441,850	1,556,775
U S TREASURY BOND	FIXED INCOME; GOVT; 3.125% 02/15/2043 DD 02/15/13 No. of SHARES - 7,480,000	7,762,525	8,254,330

U S TREASURY BOND	FIXED INCOME; GOVT; 2.875% 05/15/2043 DD 05/15/13 No. of SHARES - 2,600,000	2,575,578	2,751,320
U S TREASURY BOND	FIXED INCOME; GOVT; 3.625% 08/15/2043 DD 08/15/13 No. of SHARES - 1,500,000	1,768,292	1,792,155
U S TREASURY BOND	FIXED INCOME; GOVT; 3.625% 02/15/2044 DD 02/15/14 No. of SHARES - 3,460,000	3,961,287	4,138,610
U S TREASURY BOND	FIXED INCOME; GOVT; 3.375% 05/15/2044 DD 05/15/14 No. of SHARES - 23,270,000	25,158,654	26,772,368
U S TREASURY BOND	FIXED INCOME; GOVT; 3.125% 08/15/2044 DD 08/15/14 No. of SHARES - 44,800,000	46,934,416	49,472,640
U S TREASURY BOND	FIXED INCOME; GOVT; 2.500% 02/15/2045 DD 02/15/15 No. of SHARES - 37,060,000	34,146,129	36,547,460
U S TREASURY BOND	FIXED INCOME; GOVT; 3.000% 05/15/2045 DD 05/15/15 No. of SHARES - 2,005,000	2,091,368	2,171,114
U S TREASURY BOND	FIXED INCOME; GOVT; 2.875% 08/15/2045 DD 08/15/15 No. of SHARES - 4,560,000	4,511,563	4,825,073
U S TREASURY BOND	FIXED INCOME; GOVT; 2.500% 02/15/2046 DD 02/15/16 No. of SHARES - 2,820,000	2,696,472	2,777,164
U S TREASURY BOND	FIXED INCOME; GOVT; 2.500% 05/15/2046 DD 05/15/16 No. of SHARES - 780,000	715,883	767,629
U S TREASURY BOND	FIXED INCOME; GOVT; 3.375% 11/15/2048 DD 11/15/18 No. of SHARES - 1,280,000	1,438,176	1,490,496
U S TREASURY BOND	FIXED INCOME; GOVT; 3.000% 02/15/2049 DD 02/15/19 No. of SHARES - 3,840,000	4,092,833	4,171,814
U S TREASURY BOND	FIXED INCOME; GOVT; 3.000% 02/15/2049 DD 02/15/19 No. of SHARES - 890,000	951,441	966,905
U S TREASURY BOND	FIXED INCOME; GOVT; 2.875% 05/15/2049 DD 05/15/19 No. of SHARES - 17,100,000	18,074,109	18,137,286
U S TREASURY NOTE	FIXED INCOME; GOVT; 2.250% 11/15/2027 DD 11/15/17 No. of SHARES - 26,700,000	26,088,175	26,998,239
U S TREASURY NOTE	FIXED INCOME; GOVT; 3.125% 11/15/2028 DD 11/15/18 No. of SHARES - -900,000	(908,374)	(975,726)
U S TREASURY NOTE	FIXED INCOME; GOVT; 3.125% 11/15/2028 DD 11/15/18 No. of SHARES - 2,300,000	2,392,920	2,493,522
U S TREASURY NOTE	FIXED INCOME; GOVT; 2.750% 11/30/2020 DD 11/30/18 No. of SHARES - 2,225,000	2,239,863	2,247,339
U S TREASURY NOTE	FIXED INCOME; GOVT; 2.625% 02/15/2029 DD 02/15/19 No. of SHARES - 3,040,000	3,134,992	3,167,650
U S TREASURY NOTE	FIXED INCOME; GOVT; 2.375% 05/15/2029 DD 05/15/19 No. of SHARES - 2,795,000	2,803,630	2,852,661
U S TREASURY NOTE	FIXED INCOME; GOVT; 2.375% 05/15/2029 DD 05/15/19 No. of SHARES - 910,000	920,812	928,773
U S TREASURY NOTE	FIXED INCOME; GOVT; 1.250% 01/31/2020 DD 01/31/15 No. of SHARES - 2,081,100	2,064,347	2,066,303
U S TREASURY NOTE	FIXED INCOME; GOVT; 1.125% 02/28/2021 DD 02/29/16 No. of SHARES - 7,400,000	7,279,221	7,288,408

U S TREASURY NOTE	FIXED INCOME; GOVT; 1.375% 05/31/2021 DD 05/31/16 No. of SHARES - 6,900,000	6,803,760	6,820,788
U S TREASURY NOTE	FIXED INCOME; GOVT; 1.125% 07/31/2021 DD 07/31/16 No. of SHARES - 6,600,000	6,444,465	6,486,282
U S TREASURY NOTE	FIXED INCOME; GOVT; 1.000% 11/30/2019 DD 11/30/12 No. of SHARES - 2,080,100	2,064,499	2,065,955
US LONG BOND FUTURE (CBT)	FIXED INCOME; GOVT; EXP SEP 19 No. of SHARES - 550	—	1,267,578
US ULTRA BOND (CBT)	FIXED INCOME; GOVT; EXP SEP 19 No. of SHARES - 486	—	2,398,333
US 10YR ULTRA FUTURE (CBT)	FIXED INCOME; GOVT; EXP SEP 19 No. of SHARES - (360)	—	(1,016,664)
US 10YR NOTE FUTURE (CBT)	FIXED INCOME; GOVT; EXP SEP 19 No. of SHARES - 2,146	—	3,143,000
US 5YR NOTE FUTURE (CBT)	FIXED INCOME; GOVT; EXP SEP 19 No. of SHARES - (309)	—	(245,826)
US 2YR NOTE FUTURE (CBT)	FIXED INCOME; GOVT; EXP SEP 19 No. of SHARES - (175)	—	(205,625)
REPUBLIC OF SOUTH AFRICA GOVERNMENT	FIXED INCOME; GOVT; 8.250% 03/31/2032 No. of SHARES - 2,200,000	184,365	138,691
FEDERAL HOME LN MTG CORP STRIP	FIXED INCOME; GOVT; 0.000% 09/15/2029 DD 10/25/00 No. of SHARES - 1,300,000	921,164	999,401
FEDERAL HOME LN MTG CORP STRIP	FIXED INCOME; GOVT; 0.000% 03/15/2031 DD 10/25/00 No. of SHARES - 500,000	179,131	365,675
UNIV OF TEXAS	FIXED INCOME; GOVT; 3.376% 07/01/2047 DD 11/14/17 No. of SHARES - 500,000	477,440	509,230
UNIV OF CALIFORNIA	FIXED INCOME; GOVT; 5.770% 05/15/2043 DD 08/27/09 No. of SHARES - 380,000	478,055	507,292
TULARE CNTY CA PENSN OBLG	FIXED INCOME; GOVT; 3.959% 06/01/2027 DD 06/25/18 No. of SHARES - 800,000	800,000	866,184
TEXAS STATE	FIXED INCOME; GOVT; 5.517% 04/01/2039 DD 08/26/09 No. of SHARES - 320,000	403,917	418,778
SAN ANTONIO TX ELEC & GAS	FIXED INCOME; GOVT; 4.427% 02/01/2042 DD 03/29/12 No. of SHARES - 1,000,000	1,103,620	1,158,850
PORT AUTH OF NEW YORK & NEW JERSEY	FIXED INCOME; GOVT; 4.458% 10/01/2062 DD 10/10/12 No. of SHARES - 600,000	601,092	708,486
PORT AUTH OF NEW YORK & NEW JERSEY	FIXED INCOME; GOVT; 4.458% 10/01/2062 DD 10/10/12 No. of SHARES - 850,000	960,075	1,003,689
PASADENA CA PUBLIC FING AUTH	FIXED INCOME; GOVT; 7.148% 03/01/2043 DD 11/23/10 No. of SHARES - 200,000	200,000	298,102
N TX TOLLWAY AUTH REVENUE	FIXED INCOME; GOVT; 6.718% 01/01/2049 DD 08/12/09 No. of SHARES - 500,000	744,940	777,570
NEWPORT BEACH CA COPS	FIXED INCOME; GOVT; 7.168% 07/01/2040 DD 11/30/10 No. of SHARES - 200,000	200,000	287,764
NEW YORK CITY NY MUNI WTR FIN	FIXED INCOME; GOVT; 5.440% 06/15/2043 DD 09/23/10 No. of SHARES - 365,000	464,171	484,840

NEW JERSEY ST TURNPIKE AUTH	FIXED INCOME; GOVT; 7.102% 01/01/2041 DD 12/15/10 No. of SHARES - 760,000	1,104,516	1,136,185
NEW JERSEY ST TURNPIKE AUTH	FIXED INCOME; GOVT; 7.414% 01/01/2040 DD 04/28/09 No. of SHARES - 210,000	315,097	322,921
MIAMI-DADE CNTY FL AVIATION	FIXED INCOME; GOVT; 3.862% 10/01/2029 DD 08/30/18 No. of SHARES - 400,000	400,000	432,992
LOS ANGELES CA UNIF SCH DIST	FIXED INCOME; GOVT; 6.758% 07/01/2034 DD 03/04/10 No. of SHARES - 50,000	67,000	68,431
LOS ANGELES CA UNIF SCH DIST	FIXED INCOME; GOVT; 6.758% 07/01/2034 DD 03/04/10 No. of SHARES - 650,000	870,994	889,597
LOS ANGELES CA DEPT WATER & POWER	FIXED INCOME; GOVT; 5.716% 07/01/2039 DD 06/02/10 No. of SHARES - 1,000,000	1,268,860	1,327,960
CALIFORNIA STATE	FIXED INCOME; GOVT; 7.600% 11/01/2040 DD 12/01/10 No. of SHARES - 385,000	600,273	614,618
CALIFORNIA STATE	FIXED INCOME; GOVT; 7.300% 10/01/2039 DD 10/15/09 No. of SHARES - 680,000	988,502	1,016,301
CALIFORNIA STATE	FIXED INCOME; GOVT; 7.550% 04/01/2039 DD 04/28/09 No. of SHARES - 145,000	221,589	227,222
BAY AREA CA TOLL AUTH TOLL BRIDGE	FIXED INCOME; GOVT; 6.263% 04/01/2049 DD 11/05/09 No. of SHARES - 860,000	1,230,006	1,272,817
RESOLUTION FDG CORP PRIN STRIP	FIXED INCOME; GOVT; 0.000% 01/15/2030 DD 01/30/91 No. of SHARES - 6,100,000	3,710,064	4,629,900
FEDERAL NATL MTG ASSN STRIP	FIXED INCOME; GOVT; 0.000% 05/15/2030 DD 05/05/00 No. of SHARES - 2,800,000	1,961,420	2,100,868
QATAR GOVERNMENT INTERNAT 144A	FIXED INCOME; GOVT; 3.875% 04/23/2023 DD 04/23/18 No. of SHARES - 600,000	595,932	622,500
PERUSAHAAN PENERBIT SBSN 144A	FIXED INCOME; GOVT; 4.450% 02/20/2029 DD 02/20/19 No. of SHARES - 400,000	400,800	415,852
KUWAIT INTERNATIONAL GOVE 144A	FIXED INCOME; GOVT; 2.750% 03/20/2022 DD 03/20/17 No. of SHARES - 400,000	397,464	402,092
KUWAIT INTERNATIONAL GOVE 144A	FIXED INCOME; GOVT; 3.500% 03/20/2027 DD 03/20/17 No. of SHARES - 1,000,000	990,260	1,040,630
INDONESIA GOVERNMENT INTE REGS	FIXED INCOME; GOVT; 4.750% 07/18/2047 DD 07/18/17 No. of SHARES - 600,000	597,750	618,114
INDONESIA GOVERNMENT INTE REGS	FIXED INCOME; GOVT; 6.750% 01/15/2044 No. of SHARES - 300,000	408,375	391,869
MEXICO GOVERNMENT INTERNATIONAL	FIXED INCOME; GOVT; 4.350% 01/15/2047 DD 08/11/16 No. of SHARES - 620,000	576,606	581,256
MEXICO GOVERNMENT INTERNATIONAL	FIXED INCOME; GOVT; 4.600% 01/23/2046 DD 01/23/15 No. of SHARES - 615,000	591,446	597,473
MEXICO GOVERNMENT INTERNATIONAL	FIXED INCOME; GOVT; 4.600% 01/23/2046 DD 01/23/15 No. of SHARES - 19,000	18,997	18,459
MEXICO GOVERNMENT INTERNATIONAL	FIXED INCOME; GOVT; 5.750% 10/12/2110 DD 10/12/10 No. of SHARES - 840,000	857,858	864,158
URUGUAY GOVERNMENT INTERNATIONAL	FIXED INCOME; GOVT; 4.975% 04/20/2055 DD 04/20/18 No. of SHARES - 600,000	592,278	632,256

URUGUAY GOVERNMENT INTERNATIONAL	FIXED INCOME; GOVT; 5.100% 06/18/2050 DD 06/18/14 No. of SHARES - 640,000	676,000	687,206
COLOMBIA GOVERNMENT INTERNATIONAL	FIXED INCOME; GOVT; 5.200% 05/15/2049 DD 01/28/19 No. of SHARES - 625,000	658,750	667,194
COLOMBIA GOVERNMENT INTERNATIONAL	FIXED INCOME; GOVT; 4.500% 03/15/2029 DD 10/12/18 No. of SHARES - 200,000	209,302	210,802
COLOMBIA GOVERNMENT INTERNATIONAL	FIXED INCOME; GOVT; 5.625% 02/26/2044 DD 01/28/14 No. of SHARES - 640,000	711,040	714,880
CHILE GOVERNMENT INTERNATIONAL	FIXED INCOME; GOVT; 3.860% 06/21/2047 DD 06/21/17 No. of SHARES - 310,000	313,875	320,850
RESOLUTION FDG CORP STRIP	FIXED INCOME; GOVT; 0.000% 04/15/2029 DD 04/15/90 No. of SHARES - 2,700,000	1,677,294	2,093,850
FNMA POOL #0BL1271	FIXED INCOME; GOVT; 3.840% 01/01/2031 DD 01/01/19 No. of SHARES - 1,000,000	1,002,969	1,092,380
FNMA POOL #0BL1248	FIXED INCOME; GOVT; 3.750% 01/01/2029 DD 01/01/19 No. of SHARES - 900,000	905,063	972,837
FNMA POOL #0BL0137	FIXED INCOME; GOVT; 3.610% 10/01/2030 DD 10/01/18 No. of SHARES - 700,000	734,016	750,260
HSBC HOLDINGS PLC	FIXED INCOME; GOVT; VAR RT 12/31/2049 No. of SHARES - 300,000	397,590	383,952
FNMA POOL #0545382	FIXED INCOME; GOVT; 8.000% 11/01/2028 DD 12/01/01 No. of SHARES - 2,679	5,083	2,912
FNMA POOL #0535441	FIXED INCOME; GOVT; 8.000% 03/01/2030 DD 07/01/00 No. of SHARES - 981	1,395	1,034
PERUVIAN GOVERNMENT INTERNATIONAL 144A	FIXED INCOME; GOVT; 5.940% 02/12/2029 DD 12/06/18 No. of SHARES - 1,100,000	325,444	347,885
FNMA POOL #0523829	FIXED INCOME; GOVT; 8.000% 11/01/2019 DD 11/01/99 No. of SHARES - 47.24	82	47
FNMA POOL #0399910	FIXED INCOME; GOVT; 7.000% 12/01/2027 DD 12/01/97 No. of SHARES - 131.44	175	134
FNMA POOL #0357140	FIXED INCOME; GOVT; 6.000% 07/01/2031 DD 07/01/01 No. of SHARES - 1,913.36	2,075	2,036
FNMA POOL #0190880	FIXED INCOME; GOVT; VAR RT 11/01/2028 DD 06/01/94 No. of SHARES - 2,651.79	2,835	2,649
FNMA POOL #0100254	FIXED INCOME; GOVT; 8.000% 12/15/2024 DD 12/01/98 No. of SHARES - 6,797.22	14,152	7,471
FHLMC MULTICLASS MTG 4380 ZG	FIXED INCOME; GOVT; 3.000% 04/15/2053 DD 08/01/14 No. of SHARES - 2,190,601.27	1,897,425	2,167,140
FNMA SF MTG	FIXED INCOME; GOVT; 5.500% 06/01/2049 DD 06/01/19 No. of SHARES - 1,200,000	1,278,656	1,283,244
FNMA SF MTG	FIXED INCOME; GOVT; 4.500% 07/01/2049 DD 07/01/19 No. of SHARES - 76,500,000	79,715,387	79,895,067
FNMA SF MTG	FIXED INCOME; GOVT; 4.000% 07/01/2049 DD 07/01/19 No. of SHARES - -18,000,000	(18,406,152)	(18,570,960)

FNMA SF MTG	FIXED INCOME; GOVT; 3.500% 07/01/2049 DD 07/01/19 No. of SHARES - -27,000,000	(27,393,330)	(27,517,860)
FNMA SF MTG	FIXED INCOME; GOVT; 3.000% 07/01/2049 DD 07/01/19 No. of SHARES - -8,900,000	(8,833,891)	(8,931,061)
FNMA GTD REMIC P/T 13-67 NS	FIXED INCOME; GOVT; VAR RATE; 07/25/2043 DD 06/25/13; No. of SHARES - 213,418	163,264	193,800
MEXICO GOVERNMENT INTERNATIONAL	FIXED INCOME; GOVT;4.000% 03/15/2115; No. of SHARES - 400,000	446,579	429,535
LONG GILT FUTURE (ICF)	FIXED INCOME; CORP; EXP SEP 19 No. of SHARES - (42)	—	(19,587)
90DAY EURO$ FUTURE (CME)	FIXED INCOME; CORP; EXP JUN 20 No. of SHARES - (279)	—	(937,069)
90DAY EURO$ FUTURE (CME)	FIXED INCOME; CORP; EXP JUN 19 No. of SHARES - 279	—	355,786
90DAY EURO$ FUTURE (CME)	FIXED INCOME; CORP; EXP SEP 19 No. of SHARES - (309)	—	104,545
ROYAL BANK OF SCOTLAND GROUP	FIXED INCOME; CORP; VAR RT 01/27/2030 DD 09/27/18 No. of SHARES - 515,000	540,075	544,242
ROYAL BANK OF SCOTLAND GROUP	FIXED INCOME; CORP; VAR RT 01/27/2030 DD 09/27/18 No. of SHARES - 400,000	400,000	422,712
SUNCOR ENERGY INC	FIXED INCOME; CORP; 7.150% 02/01/2032 DD 01/29/02 No. of SHARES - 500,000	645,420	656,755
MACMILLAN BLOEDEL PEMBROKE LP	FIXED INCOME; CORP; 7.700% 02/15/2026 DD 02/21/96 No. of SHARES - 85,000	77,138	105,892
CANADIAN PACIFIC RR CO	FIXED INCOME; CORP; 6.125% 05/15/2115 DD 09/11/15 No. of SHARES - 1,270,000	1,600,327	1,669,987
CANADIAN PACIFIC RR CO	FIXED INCOME; CORP; 6.125% 05/15/2115 DD 09/11/15 No. of SHARES - 300,000	379,269	394,485
VODAFONE GROUP PLC	FIXED INCOME; CORP; 5.250% 05/30/2048 DD 05/30/18 No. of SHARES - 2,000,000	1,904,760	2,075,620
VODAFONE GROUP PLC	FIXED INCOME; CORP; 5.000% 05/30/2038 DD 05/30/18 No. of SHARES - 170,000	172,144	174,386
VERIZON COMMUNICATIONS INC	FIXED INCOME; CORP; 5.250% 03/16/2037 DD 03/16/17 No. of SHARES - 915,000	1,042,963	1,050,447
VERIZON COMMUNICATIONS INC	FIXED INCOME; CORP; 5.012% 04/15/2049 DD 02/03/17 No. of SHARES - 260,000	290,152	293,467
VERIZON COMMUNICATIONS INC	FIXED INCOME; CORP; 4.672% 03/15/2055 DD 03/13/15 No. of SHARES - 365,000	349,385	388,535
VERIZON COMMUNICATIONS INC	FIXED INCOME; CORP; 4.672% 03/15/2055 DD 03/13/15 No. of SHARES - 1,040,000	1,097,314	1,107,059
VERIZON COMMUNICATIONS INC	FIXED INCOME; CORP; 4.522% 09/15/2048 DD 03/13/15 No. of SHARES - 2,390,000	2,502,999	2,514,041
VERIZON COMMUNICATIONS INC	FIXED INCOME; CORP; 4.272% 01/15/2036 DD 07/15/15 No. of SHARES - 365,000	374,848	376,176

VERIZON COMMUNICATIONS INC	FIXED INCOME; CORP; 5.012% 08/21/2054 DD 02/21/15 No. of SHARES - 365,000	405,011	409,267
VERIZON COMMUNICATIONS INC	FIXED INCOME; CORP; 4.862% 08/21/2046 DD 02/21/15 No. of SHARES - 3,675,000	4,019,715	4,031,732
TELEFONICA EMISIONES SA	FIXED INCOME; CORP; 5.213% 03/08/2047 DD 03/08/17 No. of SHARES - 405,000	407,572	417,130
ROGERS COMMUNICATIONS INC	FIXED INCOME; CORP; 5.000% 03/15/2044 DD 03/10/14 No. of SHARES - 240,000	264,466	269,568
DEUTSCHE TELEKOM INTERNATIONAL	FIXED INCOME; CORP; VAR RT 06/15/2030 DD 07/06/00 No. of SHARES - 425,000	592,977	597,809
BRITISH TELECOMMUNICATIONS PLC	FIXED INCOME; CORP; 4.500% 12/04/2023 DD 12/04/18 No. of SHARES - 1,000,000	999,730	1,059,140
BELL CANADA INC	FIXED INCOME; CORP; 4.300% 07/29/2049 DD 05/13/19 No. of SHARES - 600,000	598,812	620,286
AMERICA MOVIL SAB DE CV	FIXED INCOME; CORP; 4.375% 04/22/2049 DD 04/22/19 No. of SHARES - 590,000	599,009	605,193
AMERICA MOVIL SAB DE CV	FIXED INCOME; CORP; 6.125% 03/30/2040 DD 03/30/10 No. of SHARES - 355,000	443,019	449,845
AT&T INC	FIXED INCOME; CORP; 4.850% 03/01/2039 DD 02/19/19 No. of SHARES - 120,000	120,935	122,988
AT&T INC	FIXED INCOME; CORP; 4.850% 03/01/2039 DD 02/19/19 No. of SHARES - 2,075,000	2,091,164	2,126,668
AT&T INC	FIXED INCOME; CORP; 5.150% 11/15/2046 DD 11/15/18 No. of SHARES - 360,000	370,800	375,246
AT&T INC	FIXED INCOME; CORP; 4.300% 02/15/2030 DD 08/15/18 No. of SHARES - 3,990,000	4,083,685	4,124,782
AT&T INC	FIXED INCOME; CORP; VAR RT 06/01/2021 DD 06/25/18 No. of SHARES - 900,000	900,000	905,517
AT&T INC	FIXED INCOME; CORP; 5.450% 03/01/2047 DD 02/09/17 No. of SHARES - 1,020,000	1,104,538	1,120,195
AT&T INC	FIXED INCOME; CORP; 5.250% 03/01/2037 DD 02/09/17 No. of SHARES - 175,000	186,949	187,773
AT&T INC	FIXED INCOME; CORP; 4.550% 03/09/2049 DD 09/07/16 No. of SHARES - 550,000	522,654	533,203
AT&T INC	FIXED INCOME; CORP; 4.500% 03/09/2048 DD 09/07/16 No. of SHARES - 645,000	610,357	619,903
AT&T INC	FIXED INCOME; CORP; 6.000% 08/15/2040 DD 02/15/16 No. of SHARES - 520,000	592,004	599,659
AT&T INC	FIXED INCOME; CORP; 4.750% 05/15/2046 DD 05/04/15 No. of SHARES - 845,000	827,534	840,691
AT&T INC	FIXED INCOME; CORP; 4.500% 05/15/2035 DD 05/04/15 No. of SHARES - 1,225,000	1,218,557	1,234,175
AT&T INC	FIXED INCOME; CORP; 4.800% 06/15/2044 DD 06/10/14 No. of SHARES - 640,000	635,840	639,994
AT&T INC	FIXED INCOME; CORP; 4.350% 06/15/2045 DD 06/15/13 No. of SHARES - 800,000	750,480	760,816

AMERICAN WATER CAPITAL CORP	FIXED INCOME; CORP; 4.150% 06/01/2049 DD 05/13/19 No. of SHARES - 2,100,000	2,091,113	2,159,997
AMERICAN WATER CAPITAL CORP	FIXED INCOME; CORP; 4.150% 06/01/2049 DD 05/13/19 No. of SHARES - 800,000	795,760	822,856
NISOURCE INC	FIXED INCOME; CORP; 4.375% 05/15/2047 DD 05/22/17 No. of SHARES - 565,000	572,599	582,735
DOMINION ENERGY GAS HOLDINGS L	FIXED INCOME; CORP; VAR RT 06/15/2021 DD 06/19/18 No. of SHARES - 1,000,000	1,000,000	1,004,460
VIRGINIA ELECTRIC & POWER CO	FIXED INCOME; CORP; 4.600% 12/01/2048 DD 11/28/18 No. of SHARES - 2,875,000	3,160,516	3,243,403
UNION ELECTRIC CO	FIXED INCOME; CORP; 3.900% 09/15/2042 DD 09/11/12 No. of SHARES - 550,000	560,428	570,680
SOUTHWESTERN ELECTRIC POWER CO	FIXED INCOME; CORP; 6.200% 03/15/2040 DD 03/08/10 No. of SHARES - 200,000	242,924	253,916
SOUTHERN CALIFORNIA EDISON CO	FIXED INCOME; CORP; 3.700% 08/01/2025 DD 08/02/18 No. of SHARES - 600,000	598,716	614,448
SOUTHERN CALIFORNIA EDISON CO	FIXED INCOME; CORP; 3.500% 10/01/2023 DD 10/02/13 No. of SHARES - 500,000	524,560	510,120
DOMINION ENERGY SOUTH CAROLINA	FIXED INCOME; CORP; 5.100% 06/01/2065 DD 05/22/15 No. of SHARES - 55,000	65,274	67,399
SEMPRA ENERGY	FIXED INCOME; CORP; 4.000% 02/01/2048 DD 01/12/18 No. of SHARES - 130,000	117,519	120,939
SEMPRA ENERGY	FIXED INCOME; CORP; 3.800% 02/01/2038 DD 01/12/18 No. of SHARES - 310,000	286,400	292,234
PUBLIC SERVICE CO OF COLORADO	FIXED INCOME; CORP; 3.950% 03/15/2043 DD 03/26/13 No. of SHARES - 440,000	432,815	449,328
PUBLIC SERVICE CO OF COLORADO	FIXED INCOME; CORP; 3.600% 09/15/2042 DD 09/11/12 No. of SHARES - 680,000	669,521	680,952
POTOMAC ELECTRIC POWER CO	FIXED INCOME; CORP; 4.150% 03/15/2043 DD 03/18/13 No. of SHARES - 360,000	372,071	381,244
PACIFICORP	FIXED INCOME; CORP; 6.000% 01/15/2039 DD 01/08/09 No. of SHARES - 635,000	811,251	835,444
PACIFIC GAS & ELECTRIC CO	FIXED INCOME; CORP; 3.500% 10/01/2020 DD 09/15/10 No. of SHARES - 700,000	656,875	652,750
PECO ENERGY CO	FIXED INCOME; CORP; 3.900% 03/01/2048 DD 02/23/18 No. of SHARES - 280,000	282,934	285,712
ONCOR ELECTRIC DELIVERY CO LLC	FIXED INCOME; CORP; 3.750% 04/01/2045 DD 10/01/15 No. of SHARES - 450,000	446,499	462,537
ONCOR ELECTRIC DELIVERY CO LLC	FIXED INCOME; CORP; 4.550% 12/01/2041 DD 06/01/12 No. of SHARES - 1,055,000	1,160,015	1,190,589
ONCOR ELECTRIC DELIVERY CO LLC	FIXED INCOME; CORP; 5.300% 06/01/2042 DD 05/18/12 No. of SHARES - 555,000	669,374	689,321
OGLETHORPE POWER CORP	FIXED INCOME; CORP; 5.375% 11/01/2040 DD 11/09/10 No. of SHARES - 960,000	1,106,544	1,141,843
OGLETHORPE POWER CORP	FIXED INCOME; CORP; 4.550% 06/01/2044 DD 06/12/14 No. of SHARES - 545,000	547,371	567,023

NORTHERN STATES POWER CO/ MN	FIXED INCOME; CORP; 3.400% 08/15/2042 DD 08/13/12 No. of SHARES - 135,000	127,468	130,571
NEXTERA ENERGY CAPITAL HOLDING	FIXED INCOME; CORP; 3.200% 02/25/2022 DD 02/27/19 No. of SHARES - 1,400,000	1,397,032	1,423,786
NEVADA POWER CO	FIXED INCOME; CORP; 5.450% 05/15/2041 DD 05/12/11 No. of SHARES - 185,000	214,139	220,946
MIDAMERICAN ENERGY CO	FIXED INCOME; CORP; 5.800% 10/15/2036 DD 10/06/06 No. of SHARES - 60,000	74,674	76,419
MIDAMERICAN ENERGY CO	FIXED INCOME; CORP; 4.250% 07/15/2049 DD 01/09/19 No. of SHARES - 60,000	63,835	65,602
MIDAMERICAN ENERGY CO	FIXED INCOME; CORP; 3.650% 08/01/2048 DD 02/01/18 No. of SHARES - 3,000,000	2,906,280	2,988,420
KENTUCKY UTILITIES CO	FIXED INCOME; CORP; 5.125% 11/01/2040 DD 05/01/11 No. of SHARES - 1,125,000	1,339,515	1,355,828
ITC HOLDINGS CORP	FIXED INCOME; CORP; 2.700% 11/15/2022 DD 05/15/18 No. of SHARES - 600,000	577,686	598,164
INDIANA MICHIGAN POWER CO	FIXED INCOME; CORP; 4.250% 08/15/2048 DD 08/08/18 No. of SHARES - 360,000	372,182	387,248
GEORGIA POWER CO	FIXED INCOME; CORP; 4.300% 03/15/2042 DD 03/06/12 No. of SHARES - 310,000	315,149	320,596
DUKE ENERGY FLORIDA LLC	FIXED INCOME; CORP; 6.400% 06/15/2038 DD 06/18/08 No. of SHARES - 170,000	228,652	234,909
DUKE ENERGY FLORIDA LLC	FIXED INCOME; CORP; 6.350% 09/15/2037 DD 09/18/07 No. of SHARES - 750,000	985,853	1,002,518
FLORIDA POWER & LIGHT CO	FIXED INCOME; CORP; 3.700% 12/01/2047 DD 11/16/17 No. of SHARES - 3,425,000	3,366,570	3,471,203
FLORIDA POWER & LIGHT CO	FIXED INCOME; CORP; 4.050% 06/01/2042 DD 05/15/12 No. of SHARES - 525,000	543,758	557,251
FLORIDA POWER & LIGHT CO	FIXED INCOME; CORP; 5.950% 02/01/2038 DD 01/16/08 No. of SHARES - 75,000	97,602	100,136
FIRSTENERGY CORP	FIXED INCOME; CORP; 4.850% 07/15/2047 DD 06/21/17 No. of SHARES - 220,000	234,964	240,132
EXELON CORP	FIXED INCOME; CORP; 4.450% 04/15/2046 DD 04/07/16 No. of SHARES - 215,000	218,444	223,516
EXELON GENERATION CO LLC	FIXED INCOME; CORP; 5.600% 06/15/2042 DD 12/15/12 No. of SHARES - 700,000	747,971	757,715
ENTERGY LOUISIANA LLC	FIXED INCOME; CORP; 4.200% 09/01/2048 DD 08/14/18 No. of SHARES - 300,000	299,433	321,324
ENTERGY LOUISIANA LLC	FIXED INCOME; CORP; 3.120% 09/01/2027 DD 05/23/17 No. of SHARES - 500,000	499,755	505,215
EMERA US FINANCE LP	FIXED INCOME; CORP; 4.750% 06/15/2046 DD 12/15/16 No. of SHARES - 355,000	363,811	370,059
DUKE ENERGY FLORIDA LLC	FIXED INCOME; CORP; 3.800% 07/15/2028 DD 06/21/18 No. of SHARES - 1,000,000	998,150	1,058,380
DUKE ENERGY INDIANA LLC	FIXED INCOME; CORP; 3.750% 05/15/2046 DD 05/12/16 No. of SHARES - 465,000	452,040	462,438

DUKE ENERGY PROGRESS LLC	FIXED INCOME; CORP; 3.600% 09/15/2047 DD 09/08/17 No. of SHARES - 2,190,000	2,063,528	2,119,460
DUKE ENERGY CAROLINAS LLC	FIXED INCOME; CORP; 4.250% 12/15/2041 DD 12/08/11 No. of SHARES - 120,000	124,985	128,309
DUKE ENERGY CAROLINAS LLC	FIXED INCOME; CORP; 6.000% 12/01/2028 DD 12/04/98 No. of SHARES - 120,000	144,184	146,837
DUKE ENERGY INDIANA LLC	FIXED INCOME; CORP; 6.450% 04/01/2039 DD 03/23/09 No. of SHARES - 100,000	135,002	139,002
DUKE ENERGY INDIANA LLC	FIXED INCOME; CORP; 6.350% 08/15/2038 DD 08/21/08 No. of SHARES - 715,000	952,823	968,832
CONSUMERS ENERGY CO	FIXED INCOME; CORP; 4.050% 05/15/2048 DD 05/14/18 No. of SHARES - 3,260,000	3,413,122	3,522,495
CONSOLIDATED EDISON CO OF NEW YORK	FIXED INCOME; CORP; 4.125% 05/15/2049 DD 05/09/19 No. of SHARES - 2,500,000	2,528,075	2,594,700
CONSOLIDATED EDISON CO OF NEW YORK	FIXED INCOME; CORP; 4.500% 05/15/2058 DD 05/10/18 No. of SHARES - 1,600,000	1,592,624	1,729,728
CONSOLIDATED EDISON CO OF NEW YORK	FIXED INCOME; CORP; 4.300% 12/01/2056 DD 11/16/16 No. of SHARES - 265,000	268,896	276,493
COMMONWEALTH EDISON CO	FIXED INCOME; CORP; 3.650% 06/15/2046 DD 06/27/16 No. of SHARES - 3,245,000	3,109,846	3,217,418
DUKE ENERGY PROGRESS LLC	FIXED INCOME; CORP; 4.100% 05/15/2042 DD 05/18/12 No. of SHARES - 230,000	235,538	241,153
BERKSHIRE HATHAWAY ENERGY CO	FIXED INCOME; CORP; 4.450% 01/15/2049 DD 07/25/18 No. of SHARES - 265,000	281,358	288,166
BERKSHIRE HATHAWAY ENERGY CO	FIXED INCOME; CORP; 3.800% 07/15/2048 DD 01/05/18 No. of SHARES - 2,415,000	2,328,615	2,368,246
AVANGRID INC	FIXED INCOME; CORP; 3.800% 06/01/2029 DD 05/16/19 No. of SHARES - 1,200,000	1,198,296	1,215,096
AMEREN ILLINOIS CO	FIXED INCOME; CORP; 3.700% 12/01/2047 DD 11/28/17 No. of SHARES - 240,000	239,328	242,870
ALABAMA POWER CO	FIXED INCOME; CORP; 3.750% 03/01/2045 DD 03/11/15 No. of SHARES - 135,000	131,197	136,238
AEP TEXAS INC	FIXED INCOME; CORP; 3.800% 10/01/2047 DD 09/22/17 No. of SHARES - 140,000	134,796	139,236
RASC SERIES 2007-KS4 TR KS4 A3	FIXED INCOME; CORP; VAR RT 05/25/2037 DD 04/27/07 No. of SHARES - 443,861	441,226	442,645
BOEING CO/THE	FIXED INCOME; CORP; 6.875% 03/15/2039 DD 03/13/09 No. of SHARES - 530,000	736,403	749,462
BOEING CO/THE	FIXED INCOME; CORP; 3.600% 05/01/2034 DD 05/02/19 No. of SHARES - 710,000	708,111	721,942
LOCKHEED MARTIN CORP	FIXED INCOME; CORP; 4.850% 09/15/2041 DD 09/09/11 No. of SHARES - 255,000	279,194	286,521
LOCKHEED MARTIN CORP	FIXED INCOME; CORP; 4.500% 05/15/2036 DD 11/23/15 No. of SHARES - 185,000	201,829	206,051
NORTHROP GRUMMAN CORP	FIXED INCOME; CORP; 4.750% 06/01/2043 DD 05/31/13 No. of SHARES - 670,000	727,895	748,859

NORTHROP GRUMMAN CORP	FIXED INCOME; CORP; 4.030% 10/15/2047 DD 10/13/17 No. of SHARES - 600,000	596,262	606,990
ROCKWELL COLLINS INC	FIXED INCOME; CORP; 3.500% 03/15/2027 DD 04/10/17 No. of SHARES - 100,000	99,549	101,090
UNITED TECHNOLOGIES CORP	FIXED INCOME; CORP; 5.700% 04/15/2040 DD 02/26/10 No. of SHARES - 835,000	992,331	1,012,930
UNITED TECHNOLOGIES CORP	FIXED INCOME; CORP; 4.500% 06/01/2042 DD 06/01/12 No. of SHARES - 1,115,000	1,166,669	1,181,599
UNITED TECHNOLOGIES CORP	FIXED INCOME; CORP; 4.450% 11/16/2038 DD 08/16/18 No. of SHARES - 220,000	231,618	236,632
UNITED TECHNOLOGIES CORP	FIXED INCOME; CORP; 4.625% 11/16/2048 DD 08/16/18 No. of SHARES - 95,000	101,779	103,314
UNITED TECHNOLOGIES CORP	FIXED INCOME; CORP; 4.125% 11/16/2028 DD 08/16/18 No. of SHARES - 375,000	394,504	398,018
APTIV PLC	FIXED INCOME; CORP; 4.350% 03/15/2029 DD 03/14/19 No. of SHARES - 200,000	199,758	206,884
APTIV PLC	FIXED INCOME; CORP; 5.400% 03/15/2049 DD 03/14/19 No. of SHARES - 900,000	896,022	932,148
DAIMLER FINANCE NORTH AMERICA	FIXED INCOME; CORP; 8.500% 01/18/2031 DD 01/18/01 No. of SHARES - 90,000	129,717	131,783
FORD MOTOR CO	FIXED INCOME; CORP; 7.400% 11/01/2046 DD 11/01/96 No. of SHARES - 380,000	413,011	410,548
GENERAL MOTORS CO	FIXED INCOME; CORP; 6.250% 10/02/2043 DD 04/02/14 No. of SHARES - 560,000	581,078	564,732
GENERAL MOTORS CO	FIXED INCOME; CORP; 6.600% 04/01/2036 DD 02/23/16 No. of SHARES - 360,000	387,608	378,360
GENERAL MOTORS CO	FIXED INCOME; CORP; 5.150% 04/01/2038 DD 08/07/17 No. of SHARES - 55,000	52,003	50,459
AERCAP IRELAND CAPITAL DAC / A	FIXED INCOME; CORP; 3.875% 01/23/2028 DD 01/23/18 No. of SHARES - 200,000	185,180	193,428
ALLY FINANCIAL INC	FIXED INCOME; CORP; 3.875% 05/21/2024 DD 05/21/19 No. of SHARES - 800,000	791,936	796,000
BGC PARTNERS INC	FIXED INCOME; CORP; 5.375% 07/24/2023 DD 07/24/18 No. of SHARES - 500,000	497,580	519,290
BANCO DE CREDITO E INVERS REGS	FIXED INCOME; CORP; 3.500% 10/12/2027 DD 10/12/17 No. of SHARES - 700,000	691,383	692,307
BANCO SANTANDER SA	FIXED INCOME; CORP; 4.379% 04/12/2028 DD 04/12/18 No. of SHARES - 500,000	500,000	512,375
BANK OF AMERICA NA	FIXED INCOME; CORP; 6.000% 10/15/2036 DD 10/26/06 No. of SHARES - 575,000	721,596	728,646
BANK OF AMERICA CORP	FIXED INCOME; CORP; 3.248% 10/21/2027 DD 10/21/16 No. of SHARES - 1,015,000	996,466	1,010,311
BANK OF AMERICA CORP	FIXED INCOME; CORP; VAR RT 01/20/2028 DD 01/20/17 No. of SHARES - 200,000	203,060	205,600
BANK OF AMERICA CORP	FIXED INCOME; CORP; VAR RT 01/20/2028 DD 01/20/17 No. of SHARES - 2,270,000	2,304,731	2,333,560

	BANK OF AMERICA CORP	FIXED INCOME; CORP; VAR RT 04/24/2028 DD 04/24/17 No. of SHARES - 1,810,000	1,822,218	1,845,404
	BANK OF AMERICA CORP	FIXED INCOME; CORP; VAR RT 12/20/2028 DD 12/20/17 No. of SHARES - 360,000	354,272	359,395
	BANK OF AMERICA CORP	FIXED INCOME; CORP; VAR RT 03/05/2029 DD 03/05/18 No. of SHARES - 285,000	291,247	294,912
	BANK OF AMERICA CORP	FIXED INCOME; CORP; VAR RT 07/23/2029 DD 07/23/18 No. of SHARES - 245,000	256,495	259,190
	BANK OF AMERICA CORP	FIXED INCOME; CORP; VAR RT 03/15/2050 DD 03/15/19 No. of SHARES - 845,000	880,144	893,072
	BANK OF AMERICA CORP	FIXED INCOME; CORP; VAR RT 04/23/2040 DD 04/23/19 No. of SHARES - 1,775,000	1,781,585	1,818,576
	BANK OF AMERICA CORP	FIXED INCOME; CORP; VAR RT 04/23/2040 DD 04/23/19 No. of SHARES - 1,075,000	1,078,988	1,101,391
*	BANK OF NEW YORK MELLON CORP	FIXED INCOME; CORP; 3.850% 04/28/2028 DD 04/30/18 No. of SHARES - 1,000,000	997,780	1,076,240
	BARCLAYS PLC	FIXED INCOME; CORP; 4.950% 01/10/2047 DD 01/10/17 No. of SHARES - 200,000	199,362	199,418
	BARCLAYS PLC	FIXED INCOME; CORP; VAR RT 02/15/2023 DD 11/15/18 No. of SHARES - 900,000	899,829	921,096
	BROOKFIELD FINANCE INC	FIXED INCOME; CORP; 4.700% 09/20/2047 DD 09/14/17 No. of SHARES - 500,000	496,095	507,645
	CAPITAL ONE FINANCIAL CORP	FIXED INCOME; CORP; 3.800% 01/31/2028 DD 01/30/18 No. of SHARES - 320,000	317,341	319,648
	CITIGROUP INC	FIXED INCOME; CORP; 6.625% 06/15/2032 DD 06/06/02 No. of SHARES - 185,000	228,923	230,960
	CITIGROUP INC	FIXED INCOME; CORP; 5.300% 05/06/2044 DD 05/06/14 No. of SHARES - 85,000	96,137	97,473
	CITIGROUP INC	FIXED INCOME; CORP; 4.450% 09/29/2027 DD 09/29/15 No. of SHARES - 565,000	586,402	590,832
	CITIGROUP INC	FIXED INCOME; CORP; 4.750% 05/18/2046 DD 05/18/16 No. of SHARES - 355,000	374,131	381,437
	CITIGROUP INC	FIXED INCOME; CORP; 3.200% 10/21/2026 DD 10/21/16 No. of SHARES - 200,000	185,910	199,040
	CITIGROUP INC	FIXED INCOME; CORP; VAR RT 01/10/2028 DD 01/10/17 No. of SHARES - 3,430,000	3,487,555	3,527,618
	CITIGROUP INC	FIXED INCOME; CORP; VAR RT 07/24/2023 DD 07/24/17 No. of SHARES - 300,000	295,167	300,855
	CITIGROUP INC	FIXED INCOME; CORP; VAR RT 07/24/2028 DD 07/24/17 No. of SHARES - 160,000	160,141	162,149
	CITIGROUP INC	FIXED INCOME; CORP; VAR RT 10/27/2028 DD 10/27/17 No. of SHARES - 415,000	410,124	414,900
	CITIGROUP INC	FIXED INCOME; CORP; VAR RT 01/24/2039 DD 01/24/18 No. of SHARES - 520,000	508,768	516,542
	CITIGROUP INC	FIXED INCOME; CORP; VAR RT 03/20/2030 DD 03/20/19 No. of SHARES - 220,000	224,508	227,647

CITIBANK NA	FIXED INCOME; CORP; VAR RT 07/23/2021 DD 07/23/18 No. of SHARES - 500,000	500,000	502,020
DEUTSCHE BANK AG/NEW YORK NY	FIXED INCOME; CORP; 3.950% 02/27/2023 DD 02/27/18 No. of SHARES - 100,000	98,191	98,666
DISCOVER FINANCIAL SERVICES	FIXED INCOME; CORP; 4.100% 02/09/2027 DD 02/09/17 No. of SHARES - 900,000	869,661	909,558
FORD MOTOR CREDIT CO LLC	FIXED INCOME; CORP; 3.664% 09/08/2024 DD 09/08/14 No. of SHARES - 4,035,000	3,872,268	3,856,855
FORD MOTOR CREDIT CO LLC	FIXED INCOME; CORP; 5.113% 05/03/2029 DD 05/03/19 No. of SHARES - 1,270,000	1,247,978	1,246,683
GE CAPITAL INTERNATIONAL	FIXED INCOME; CORP; 4.418% 11/15/2035 DD 05/15/16 No. of SHARES - 2,680,000	2,533,699	2,542,275
GE CAPITAL INTERNATIONAL	FIXED INCOME; CORP; 4.418% 11/15/2035 DD 05/15/16 No. of SHARES - 6,465,000	6,112,076	6,132,764
GENERAL MOTORS FINANCIAL CO	FIXED INCOME; CORP; 5.250% 03/01/2026 DD 03/01/16 No. of SHARES - 3,285,000	3,443,698	3,440,282
GOLDMAN SACHS GROUP INC/ THE	FIXED INCOME; CORP; 4.800% 07/08/2044 DD 07/08/14 No. of SHARES - 1,035,000	1,114,799	1,134,598
GOLDMAN SACHS GROUP INC/ THE	FIXED INCOME; CORP; 4.750% 10/21/2045 DD 10/21/15 No. of SHARES - 2,720,000	2,924,517	2,962,950
GOLDMAN SACHS GROUP INC/ THE	FIXED INCOME; CORP; VAR RT 09/29/2025 DD 09/29/17 No. of SHARES - 1,990,000	1,973,941	1,988,289
GOLDMAN SACHS GROUP INC/ THE	FIXED INCOME; CORP; VAR RT 05/01/2029 DD 04/23/18 No. of SHARES - 35,000	36,028	36,372
GOLDMAN SACHS GROUP INC/ THE	FIXED INCOME; CORP; VAR RT 04/23/2039 DD 04/23/18 No. of SHARES - 130,000	132,968	134,263
GOLDMAN SACHS GROUP INC/ THE	FIXED INCOME; CORP; 5.150% 05/22/2045 DD 05/22/15 No. of SHARES - 900,000	967,788	980,091
GOLDMAN SACHS GROUP INC/ THE	FIXED INCOME; CORP; VAR RT 10/31/2038 DD 10/31/17 No. of SHARES - 700,000	680,162	691,103
HSBC HOLDINGS PLC	FIXED INCOME; CORP; VAR RT 09/12/2026 DD 09/12/18 No. of SHARES - 200,000	200,000	199,478
HSBC BANK USA NA/NEW YORK NY	FIXED INCOME; CORP; 5.625% 08/15/2035 DD 08/17/05 No. of SHARES - 625,000	724,656	722,325
HSBC BANK USA NA	FIXED INCOME; CORP; 7.000% 01/15/2039 DD 06/18/08 No. of SHARES - 310,000	417,787	423,311
INTERCONTINENTAL EXCHANGE INC	FIXED INCOME; CORP; 2.350% 09/15/2022 DD 08/17/17 No. of SHARES - 700,000	698,397	693,876
JPMORGAN CHASE & CO	FIXED INCOME; CORP; 5.500% 10/15/2040 DD 10/21/10 No. of SHARES - 155,000	186,935	191,096
JPMORGAN CHASE & CO	FIXED INCOME; CORP; 3.625% 12/01/2027 DD 11/16/16 No. of SHARES - 320,000	319,958	322,819
JPMORGAN CHASE & CO	FIXED INCOME; CORP; VAR RT 02/01/2028 DD 02/01/17 No. of SHARES - 715,000	728,335	737,523
JPMORGAN CHASE & CO	FIXED INCOME; CORP; VAR RT 02/22/2048 DD 02/22/17 No. of SHARES - 255,000	263,509	270,346

JPMORGAN CHASE & CO	FIXED INCOME; CORP; VAR RT 07/24/2038 DD 07/24/17 No. of SHARES - 50,000	49,235	50,335
JPMORGAN CHASE & CO	FIXED INCOME; CORP; VAR RT 07/24/2048 DD 07/24/17 No. of SHARES - 3,500,000	3,488,030	3,578,820
JPMORGAN CHASE & CO	FIXED INCOME; CORP; VAR RT 07/24/2048 DD 07/24/17 No. of SHARES - 315,000	313,923	322,094
JPMORGAN CHASE & CO	FIXED INCOME; CORP; VAR RT 11/15/2048 DD 11/10/17 No. of SHARES - 1,230,000	1,208,143	1,242,558
JPMORGAN CHASE & CO	FIXED INCOME; CORP; VAR RT 01/23/2049 DD 01/23/18 No. of SHARES - 395,000	385,694	396,003
JPMORGAN CHASE & CO	FIXED INCOME; CORP; VAR RT 06/18/2022 DD 06/18/18 No. of SHARES - 800,000	800,000	800,648
JPMORGAN CHASE & CO	FIXED INCOME; CORP; VAR RT 07/23/2024 DD 07/23/18 No. of SHARES - 800,000	800,000	800,632
JPMORGAN CHASE & CO	FIXED INCOME; CORP; VAR RT 05/06/2030 DD 05/06/19 No. of SHARES - 2,635,000	2,655,474	2,694,656
JPMORGAN CHASE & CO	FIXED INCOME; CORP; 5.400% 01/06/2042 DD 12/22/11 No. of SHARES - 360,000	431,762	439,196
LLOYDS BANKING GROUP PLC	FIXED INCOME; CORP; 4.550% 08/16/2028 DD 08/16/18 No. of SHARES - 400,000	398,792	416,268
LLOYDS BANKING GROUP PLC	FIXED INCOME; CORP; VAR RT 06/21/2021 DD 06/21/18 No. of SHARES - 1,000,000	1,000,000	1,001,370
MASTERCARD INC	FIXED INCOME; CORP; 3.650% 06/01/2049 DD 05/31/19 No. of SHARES - 2,150,000	2,146,883	2,184,142
MITSUBISHI UFJ FINANCIAL GROUP	FIXED INCOME; CORP; VAR RT 07/26/2023 DD 07/26/18 No. of SHARES - 1,400,000	1,403,486	1,404,130
MITSUBISHI UFJ FINANCIAL GROUP	FIXED INCOME; CORP; 4.153% 03/07/2039 DD 03/07/19 No. of SHARES - 500,000	500,000	535,195
MITSUBISHI UFJ FINANCIAL GROUP	FIXED INCOME; CORP; 4.153% 03/07/2039 DD 03/07/19 No. of SHARES - 280,000	293,821	299,709
MIZUHO FINANCIAL GROUP INC	FIXED INCOME; CORP; VAR RT 09/11/2024 DD 09/11/18 No. of SHARES - 600,000	600,000	605,418
MORGAN STANLEY	FIXED INCOME; CORP; VAR RT 01/23/2030 DD 01/23/19 No. of SHARES - 1,200,000	1,269,684	1,288,176
MORGAN STANLEY	FIXED INCOME; CORP; VAR RT 07/22/2028 DD 07/24/17 No. of SHARES - 5,000	4,998	5,041
MORGAN STANLEY	FIXED INCOME; CORP; VAR RT 07/22/2038 DD 07/24/17 No. of SHARES - 395,000	390,043	395,126
MORGAN STANLEY	FIXED INCOME; CORP; 3.625% 01/20/2027 DD 01/20/17 No. of SHARES - 1,515,000	1,527,953	1,542,422
MORGAN STANLEY	FIXED INCOME; CORP; 4.375% 01/22/2047 DD 01/20/17 No. of SHARES - 1,670,000	1,740,624	1,779,886
MORGAN STANLEY	FIXED INCOME; CORP; 4.300% 01/27/2045 DD 01/27/15 No. of SHARES - 295,000	303,962	310,234
MORGAN STANLEY	FIXED INCOME; CORP; 6.375% 07/24/2042 DD 07/24/12 No. of SHARES - 385,000	509,078	512,916

ORIX CORP	FIXED INCOME; CORP; 4.050% 01/16/2024 DD 01/16/19 No. of SHARES - 1,100,000	1,099,065	1,158,762
ROYAL BANK OF SCOTLAND GROUP	FIXED INCOME; CORP; VAR RT 06/25/2024 DD 06/25/18 No. of SHARES - 600,000	600,000	591,516
SANTANDER UK PLC	FIXED INCOME; CORP; 3.750% 11/15/2021 DD 11/15/18 No. of SHARES - 900,000	897,552	920,781
SUMITOMO MITSUI FINANCIAL GROUP	FIXED INCOME; CORP; 3.102% 01/17/2023 DD 01/17/18 No. of SHARES - 800,000	800,000	811,544
SUMITOMO MITSUI FINANCIAL GROUP	FIXED INCOME; CORP; VAR RT 10/16/2023 DD 10/16/18 No. of SHARES - 1,200,000	1,200,000	1,200,960
VISA INC	FIXED INCOME; CORP; 4.300% 12/14/2045 DD 12/14/15 No. of SHARES - 795,000	867,679	901,458
WELLS FARGO & CO	FIXED INCOME; CORP; 5.606% 01/15/2044 DD 11/26/13 No. of SHARES - 230,000	269,256	273,472
WELLS FARGO & CO	FIXED INCOME; CORP; 4.650% 11/04/2044 DD 11/04/14 No. of SHARES - 500,000	521,335	532,440
WELLS FARGO & CO	FIXED INCOME; CORP; 4.900% 11/17/2045 DD 11/17/15 No. of SHARES - 350,000	378,445	385,553
WELLS FARGO & CO	FIXED INCOME; CORP; 4.400% 06/14/2046 DD 06/14/16 No. of SHARES - 880,000	890,067	907,729
WELLS FARGO & CO	FIXED INCOME; CORP; 4.750% 12/07/2046 DD 12/08/16 No. of SHARES - 840,000	891,467	911,022
WELLS FARGO BANK NA	FIXED INCOME; CORP; VAR RT 07/23/2021 DD 07/23/18 No. of SHARES - 500,000	500,000	500,630
WELLS FARGO BANK NA	FIXED INCOME; CORP; 3.550% 08/14/2023 DD 08/14/18 No. of SHARES - 300,000	300,006	308,904
WELLS FARGO BANK NA	FIXED INCOME; CORP; VAR RT 03/25/2020 DD 09/25/18 No. of SHARES - 800,000	800,000	800,984
WELLS FARGO & CO	FIXED INCOME; CORP; 4.150% 01/24/2029 DD 01/24/19 No. of SHARES - 270,000	281,459	284,791
LLOYDS BANK PLC REGS	FIXED INCOME; CORP; STEP 04/02/2032 No. of SHARES - 200,000	153,000	156,880
BARCLAYS PLC	FIXED INCOME; CORP; VAR RT 12/31/2049 DD 08/14/18 No. of SHARES - 700,000	700,000	701,750
EATON CORP	FIXED INCOME; CORP; 4.000% 11/02/2032 DD 11/02/13 No. of SHARES - 750,000	790,013	808,658
WABTEC CORP	FIXED INCOME; CORP; VAR RT 09/15/2021 DD 09/14/18 No. of SHARES - 900,000	900,000	899,991
LLOYDS BANK CORPORATE MARKETS	FIXED INCOME; CORP; VAR RT 10/26/2020 DD 10/09/18 No. of SHARES - 300,000	300,000	300,900
BRASKEM FINANCE LTD	FIXED INCOME; CORP; 6.450% 02/03/2024 DD 02/03/14 No. of SHARES - 200,000	210,700	215,250
DUPONT DE NEMOURS INC	FIXED INCOME; CORP; 5.319% 11/15/2038 DD 11/28/18 No. of SHARES - 100,000	111,671	113,612
DUPONT DE NEMOURS INC	FIXED INCOME; CORP; 5.419% 11/15/2048 DD 11/28/18 No. of SHARES - 940,000	1,055,507	1,064,954

MOSAIC CO/THE	FIXED INCOME; CORP; 5.625% 11/15/2043 DD 11/13/13 No. of SHARES - 900,000	930,627	939,771
NUTRIEN LTD	FIXED INCOME; CORP; 5.000% 04/01/2049 DD 04/01/19 No. of SHARES - 160,000	165,526	167,526
WESTLAKE CHEMICAL CORP	FIXED INCOME; CORP; 4.375% 11/15/2047 DD 11/28/17 No. of SHARES - 2,780,000	2,464,692	2,482,623
BRASKEM NETHERLANDS FINAN REGS	FIXED INCOME; CORP; 4.500% 01/10/2028 DD 10/10/17 No. of SHARES - 900,000	890,955	873,000
GS MORTGAGE SECURITIES GS3 AAB	FIXED INCOME; CORP; 2.777% 10/10/2049 DD 09/01/16 No. of SHARES - 1,200,000	1,235,991	1,212,408
JP MORGAN CHASE COMMER JP4 ASB	FIXED INCOME; CORP; VAR RT 12/15/2049 DD 12/01/16 No. of SHARES - 2,600,000	2,677,990	2,705,508
MORGAN STANLEY BANK OF C30 ASB	FIXED INCOME; CORP; 2.729% 09/15/2049 DD 09/01/16 No. of SHARES - 400,000	411,990	402,444
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	FIXED INCOME; CORP; 5.600% 07/01/2111 DD 05/18/11 No. of SHARES - 275,000	393,962	405,710
MOODY'S CORP	FIXED INCOME; CORP; 2.625% 01/15/2023 DD 01/15/18 No. of SHARES - 800,000	798,128	795,808
RELX CAPITAL INC	FIXED INCOME; CORP; 4.000% 03/18/2029 DD 03/18/19 No. of SHARES - 700,000	691,873	725,256
LELAND STANFORD JUNIOR UNIVERS	FIXED INCOME; CORP; 3.647% 05/01/2048 DD 04/11/17 No. of SHARES - 2,705,000	2,788,341	2,871,763
UNIVERSITY OF SOUTHERN CALIFORNIA	FIXED INCOME; CORP; 3.841% 10/01/2047 DD 04/18/17 No. of SHARES - 500,000	536,035	550,370
PELABUHAN INDONESIA III P REGS	FIXED INCOME; CORP; 4.500% 05/02/2023 DD 05/02/18 No. of SHARES - 600,000	593,394	617,100
UNION PACIFIC CORP	FIXED INCOME; CORP; 4.300% 03/01/2049 DD 02/19/19 No. of SHARES - 405,000	417,490	429,377
UNION PACIFIC CORP	FIXED INCOME; CORP; 4.500% 09/10/2048 DD 06/08/18 No. of SHARES - 440,000	467,443	477,378
UNION PACIFIC CORP	FIXED INCOME; CORP; 4.375% 09/10/2038 DD 06/08/18 No. of SHARES - 305,000	319,500	325,228
UNION PACIFIC CORP	FIXED INCOME; CORP; 4.375% 09/10/2038 DD 06/08/18 No. of SHARES - 2,010,000	2,105,555	2,143,303
AMAZON.COM INC	FIXED INCOME; CORP; 3.875% 08/22/2037 DD 02/22/18 No. of SHARES - 435,000	452,113	464,023
AMAZON.COM INC	FIXED INCOME; CORP; 4.050% 08/22/2047 DD 02/22/18 No. of SHARES - 3,265,000	3,432,788	3,543,668
AMAZON.COM INC	FIXED INCOME; CORP; 4.050% 08/22/2047 DD 02/22/18 No. of SHARES - 500,000	525,695	542,675
CHARTER COMMUNICATIONS	FIXED INCOME; CORP; 6.384% 10/23/2035 DD 10/23/16 No. of SHARES - 1,155,000	1,276,887	1,293,381
CHARTER COMMUNICATIONS	FIXED INCOME; CORP; 5.375% 04/01/2038 DD 04/17/18 No. of SHARES - 200,000	197,692	204,620
CHARTER COMMUNICATIONS	FIXED INCOME; CORP; 5.750% 04/01/2048 DD 04/17/18 No. of SHARES - 300,000	299,118	315,477

CHARTER COMMUNICATIONS	FIXED INCOME; CORP; 5.750% 04/01/2048 DD 04/17/18 No. of SHARES - 3,220,000	3,313,135	3,386,120
CHARTER COMMUNICATIONS	FIXED INCOME; CORP; 5.750% 04/01/2048 DD 04/17/18 No. of SHARES - 490,000	502,603	515,279
CHARTER COMMUNICATIONS	FIXED INCOME; CORP; VAR RT 02/01/2024 DD 07/03/18 No. of SHARES - 1,200,000	1,200,000	1,204,488
COMCAST CORP	FIXED INCOME; CORP; 5.650% 06/15/2035 DD 06/09/05 No. of SHARES - 155,000	183,652	187,361
COMCAST CORP	FIXED INCOME; CORP; 6.400% 05/15/2038 DD 05/07/08 No. of SHARES - 80,000	102,921	105,568
COMCAST CORP	FIXED INCOME; CORP; 4.250% 01/15/2033 DD 01/14/13 No. of SHARES - 320,000	339,402	345,158
COMCAST CORP	FIXED INCOME; CORP; 4.200% 08/15/2034 DD 08/12/14 No. of SHARES - 655,000	689,473	699,219
COMCAST CORP	FIXED INCOME; CORP; 4.600% 08/15/2045 DD 05/27/15 No. of SHARES - 360,000	383,022	388,642
COMCAST CORP	FIXED INCOME; CORP; 3.969% 11/01/2047 DD 10/19/17 No. of SHARES - 305,000	296,128	301,666
COMCAST CORP	FIXED INCOME; CORP; 3.900% 03/01/2038 DD 02/08/18 No. of SHARES - 175,000	173,598	178,304
COMCAST CORP	FIXED INCOME; CORP; 4.600% 10/15/2038 DD 10/05/18 No. of SHARES - 310,000	334,273	338,663
COMCAST CORP	FIXED INCOME; CORP; 4.700% 10/15/2048 DD 10/05/18 No. of SHARES - 2,020,000	2,193,175	2,245,392
COMCAST CORP	FIXED INCOME; CORP; 4.700% 10/15/2048 DD 10/05/18 No. of SHARES - 5,450,000	5,917,229	6,058,111
COMCAST CORP	FIXED INCOME; CORP; 4.950% 10/15/2058 DD 10/05/18 No. of SHARES - 335,000	375,401	384,349
TWDC ENTERPRISES 18 CORP	FIXED INCOME; CORP; 4.125% 06/01/2044 DD 06/02/14 No. of SHARES - 2,350,000	2,481,647	2,563,075
DISCOVERY COMMUNICATIONS LLC	FIXED INCOME; CORP; 5.000% 09/20/2037 DD 09/21/17 No. of SHARES - 285,000	279,548	285,581
DISCOVERY COMMUNICATIONS LLC	FIXED INCOME; CORP; 5.200% 09/20/2047 DD 09/21/17 No. of SHARES - 315,000	308,596	315,469
DISCOVERY COMMUNICATIONS LLC	FIXED INCOME; CORP; 4.125% 05/15/2029 DD 05/21/19 No. of SHARES - 1,200,000	1,197,960	1,209,300
EBAY INC	FIXED INCOME; CORP; 2.750% 01/30/2023 DD 06/06/17 No. of SHARES - 700,000	699,685	698,187
NBCUNIVERSAL MEDIA LLC	FIXED INCOME; CORP; 4.450% 01/15/2043 DD 10/05/12 No. of SHARES - 295,000	305,195	309,983
TIME WARNER CABLE LLC	FIXED INCOME; CORP; 6.750% 06/15/2039 DD 06/29/09 No. of SHARES - 345,000	381,487	388,898
TIME WARNER CABLE LLC	FIXED INCOME; CORP; 5.875% 11/15/2040 DD 11/15/10 No. of SHARES - 240,000	243,410	248,023
TIME WARNER CABLE LLC	FIXED INCOME; CORP; 4.500% 09/15/2042 DD 08/10/12 No. of SHARES - 285,000	248,899	252,356

VIACOM INC	FIXED INCOME; CORP; 6.875% 04/30/2036 DD 04/12/06 No. of SHARES - 165,000	194,957	198,977
VIACOM INC	FIXED INCOME; CORP; 4.375% 03/15/2043 DD 03/15/13 No. of SHARES - 135,000	121,472	125,519
VIACOM INC	FIXED INCOME; CORP; 5.850% 09/01/2043 DD 08/19/13 No. of SHARES - 1,420,000	1,548,091	1,592,360
UNION PACIFIC CORP	FIXED INCOME; CORP; 3.799% 10/01/2051 DD 10/04/16 No. of SHARES - 720,000	670,529	683,381
NORFOLK SOUTHERN CORP	FIXED INCOME; CORP; 5.100% 08/01/2019 DD 08/02/18 No. of SHARES - 495,000	518,556	526,705
NORFOLK SOUTHERN CORP	FIXED INCOME; CORP; 3.942% 11/01/2047 DD 05/01/18 No. of SHARES - 100,000	97,372	99,148
NORFOLK SOUTHERN CORP	FIXED INCOME; CORP; 4.050% 08/15/2052 DD 02/15/18 No. of SHARES - 945,000	923,530	943,592
NORFOLK SOUTHERN CORP	FIXED INCOME; CORP; 4.050% 08/15/2052 DD 02/15/18 No. of SHARES - 165,000	149,865	164,754
KANSAS CITY SOUTHERN	FIXED INCOME; CORP; 4.950% 08/15/2045 DD 02/15/16 No. of SHARES - 200,000	217,496	222,032
KANSAS CITY SOUTHERN	FIXED INCOME; CORP; 4.300% 05/15/2043 DD 05/15/16 No. of SHARES - 600,000	595,626	604,110
FEDEX CORP	FIXED INCOME; CORP; 4.950% 10/17/2048 DD 10/17/18 No. of SHARES - 310,000	317,648	322,338
FEDEX CORP	FIXED INCOME; CORP; 4.050% 02/15/2048 DD 01/31/18 No. of SHARES - 205,000	183,963	187,409
FEDEX CORP	FIXED INCOME; CORP; 4.400% 01/15/2047 DD 01/06/17 No. of SHARES - 105,000	98,766	101,073
FEDEX CORP	FIXED INCOME; CORP; 5.100% 01/15/2044 DD 01/09/14 No. of SHARES - 210,000	219,297	222,506
ALTRIA GROUP INC	FIXED INCOME; CORP; 3.875% 09/16/2046 DD 09/16/16 No. of SHARES - 50,000	41,780	42,163
ALTRIA GROUP INC	FIXED INCOME; CORP; 5.800% 02/14/2039 DD 02/14/19 No. of SHARES - 55,000	59,030	59,572
ALTRIA GROUP INC	FIXED INCOME; CORP; 5.950% 02/14/2049 DD 02/14/19 No. of SHARES - 755,000	821,976	824,747
ANHEUSER-BUSCH COS LLC	FIXED INCOME; CORP; 4.900% 02/01/2046 DD 02/01/19 No. of SHARES - 2,120,000	2,167,933	2,193,437
ANHEUSER-BUSCH INBEV WORLDWIDE	FIXED INCOME; CORP; 4.439% 10/06/2048 DD 04/06/17 No. of SHARES - 3,120,000	2,981,659	3,048,926
ANHEUSER-BUSCH INBEV WORLDWIDE	FIXED INCOME; CORP; 5.450% 01/23/2039 DD 01/23/19 No. of SHARES - 1,190,000	1,312,665	1,327,528
ANHEUSER-BUSCH INBEV WORLDWIDE	FIXED INCOME; CORP; 5.550% 01/23/2049 DD 01/23/19 No. of SHARES - 1,050,000	1,171,716	1,187,351
ANHEUSER-BUSCH INBEV WORLDWIDE	FIXED INCOME; CORP; 5.800% 01/23/2059 DD 01/23/19 No. of SHARES - 1,075,000	1,231,606	1,247,527
ANHEUSER-BUSCH INBEV WORLDWIDE	FIXED INCOME; CORP; 5.800% 01/23/2059 DD 01/23/19 No. of SHARES - 500,000	498,225	580,245

ANHEUSER-BUSCH INBEV WORLDWIDE	FIXED INCOME; CORP; 4.375% 04/15/2038 DD 04/04/18 No. of SHARES - 595,000	583,624	589,972
ANHEUSER-BUSCH INBEV WORLDWIDE	FIXED INCOME; CORP; 4.600% 04/15/2048 DD 04/04/18 No. of SHARES - 1,800,000	1,771,956	1,788,120
ANHEUSER-BUSCH INBEV WORLDWIDE	FIXED INCOME; CORP; 4.600% 04/15/2048 DD 04/04/18 No. of SHARES - 915,000	900,744	908,961
ANHEUSER-BUSCH INBEV WORLDWIDE	FIXED INCOME; CORP; 4.900% 01/23/2031 DD 01/23/19 No. of SHARES - 700,000	697,487	775,152
BAT CAPITAL CORP	FIXED INCOME; CORP; 4.390% 08/15/2037 DD 08/15/18 No. of SHARES - 1,770,000	1,605,001	1,612,328
BAT CAPITAL CORP	FIXED INCOME; CORP; 4.540% 08/15/2047 DD 08/15/18 No. of SHARES - 310,000	276,288	278,451
CONSTELLATION BRANDS INC	FIXED INCOME; CORP; 4.500% 05/09/2047 DD 05/09/17 No. of SHARES - 195,000	190,827	196,334
CONSTELLATION BRANDS INC	FIXED INCOME; CORP; 4.100% 02/15/2048 DD 02/07/18 No. of SHARES - 405,000	373,596	383,669
CONSTELLATION BRANDS INC	FIXED INCOME; CORP; 4.650% 11/15/2028 DD 10/29/18 No. of SHARES - 120,000	128,846	128,998
CONSTELLATION BRANDS INC	FIXED INCOME; CORP; 5.250% 11/15/2048 DD 10/29/18 No. of SHARES - 110,000	120,366	120,965
DIAGEO CAPITAL PLC	FIXED INCOME; CORP; 3.875% 04/29/2043 DD 04/29/13 No. of SHARES - 335,000	338,909	346,316
PEPSICO INC	FIXED INCOME; CORP; 3.600% 08/13/2042 DD 08/13/12 No. of SHARES - 555,000	545,876	560,372
PHILIP MORRIS INTERNATIONAL IN	FIXED INCOME; CORP; 3.875% 08/21/2042 DD 08/21/12 No. of SHARES - 105,000	98,995	100,404
PHILIP MORRIS INTERNATIONAL IN	FIXED INCOME; CORP; 4.125% 03/04/2043 DD 03/04/13 No. of SHARES - 320,000	310,976	317,514
PHILIP MORRIS INTERNATIONAL IN	FIXED INCOME; CORP; 4.875% 11/15/2043 DD 11/12/13 No. of SHARES - 715,000	774,738	782,568
REYNOLDS AMERICAN INC	FIXED INCOME; CORP; 6.150% 09/15/2043 DD 09/17/13 No. of SHARES - 245,000	261,520	269,649
REYNOLDS AMERICAN INC	FIXED INCOME; CORP; 5.850% 08/15/2045 DD 06/12/15 No. of SHARES - 575,000	593,808	594,493
CAMPBELL SOUP CO	FIXED INCOME; CORP; 4.800% 03/15/2048 DD 03/16/18 No. of SHARES - 280,000	263,500	270,329
KRAFT HEINZ FOODS CO	FIXED INCOME; CORP; 6.500% 02/09/2040 DD 08/09/12 No. of SHARES - 285,000	314,133	321,121
KRAFT HEINZ FOODS CO	FIXED INCOME; CORP; 6.875% 01/26/2039 DD 07/26/12 No. of SHARES - 200,000	236,696	230,888
KRAFT HEINZ FOODS CO	FIXED INCOME; CORP; 4.375% 06/01/2046 DD 05/24/16 No. of SHARES - 740,000	650,060	649,291
KRAFT HEINZ FOODS CO	FIXED INCOME; CORP; 5.000% 07/15/2035 DD 07/15/16 No. of SHARES - 640,000	638,144	639,859
KRAFT HEINZ FOODS CO	FIXED INCOME; CORP; 5.200% 07/15/2045 DD 07/15/16 No. of SHARES - 50,000	48,717	49,099

KRAFT HEINZ FOODS CO	FIXED INCOME; CORP; 4.625% 01/30/2029 DD 06/15/18 No. of SHARES - 500,000	497,055	524,635
KROGER CO/THE	FIXED INCOME; CORP; 5.400% 01/15/2049 DD 01/14/19 No. of SHARES - 410,000	427,794	436,724
TYSON FOODS INC	FIXED INCOME; CORP; 5.100% 09/28/2048 DD 09/28/18 No. of SHARES - 290,000	305,860	307,133
ABBOTT LABORATORIES	FIXED INCOME; CORP; 3.750% 11/30/2026 DD 11/22/16 No. of SHARES - 160,000	167,098	168,878
ABBOTT LABORATORIES	FIXED INCOME; CORP; 4.750% 11/30/2036 DD 11/22/16 No. of SHARES - 255,000	283,965	289,619
ABBOTT LABORATORIES	FIXED INCOME; CORP; 4.900% 11/30/2046 DD 11/22/16 No. of SHARES - 1,020,000	1,165,993	1,198,000
ABBOTT LABORATORIES	FIXED INCOME; CORP; 4.900% 11/30/2046 DD 11/22/16 No. of SHARES - 3,655,000	4,178,140	4,292,834
ABBVIE INC	FIXED INCOME; CORP; 4.500% 05/14/2035 DD 05/14/15 No. of SHARES - 1,320,000	1,301,626	1,317,439
ABBVIE INC	FIXED INCOME; CORP; 4.700% 05/14/2045 DD 05/14/15 No. of SHARES - 285,000	272,568	277,983
ABBVIE INC	FIXED INCOME; CORP; 4.450% 05/14/2046 DD 05/12/16 No. of SHARES - 170,000	157,010	160,036
ABBVIE INC	FIXED INCOME; CORP; 4.875% 11/14/2048 DD 09/18/18 No. of SHARES - 240,000	235,404	241,145
ABBVIE INC	FIXED INCOME; CORP; 4.250% 11/14/2028 DD 09/18/18 No. of SHARES - 220,000	224,985	227,909
AMGEN INC	FIXED INCOME; CORP; 4.400% 05/01/2045 DD 05/01/15 No. of SHARES - 255,000	249,227	254,939
AMGEN INC	FIXED INCOME; CORP; 4.663% 06/15/2051 DD 12/15/16 No. of SHARES - 650,000	657,176	672,477
AMGEN INC	FIXED INCOME; CORP; 4.663% 06/15/2051 DD 12/15/16 No. of SHARES - 100,000	98,164	103,458
ANTHEM INC	FIXED INCOME; CORP; 4.375% 12/01/2047 DD 11/21/17 No. of SHARES - 210,000	204,811	209,742
ANTHEM INC	FIXED INCOME; CORP; 4.550% 03/01/2048 DD 03/02/18 No. of SHARES - 745,000	741,491	761,897
ASCENSION HEALTH	FIXED INCOME; CORP; 3.945% 11/15/2046 DD 05/11/16 No. of SHARES - 900,000	884,115	963,540
ASTRAZENECA PLC	FIXED INCOME; CORP; 4.000% 01/17/2029 DD 08/17/18 No. of SHARES - 295,000	307,815	312,207
ASTRAZENECA PLC	FIXED INCOME; CORP; 4.375% 08/17/2048 DD 08/17/18 No. of SHARES - 235,000	241,916	246,936
BECTON DICKINSON AND CO	FIXED INCOME; CORP; 3.700% 06/06/2027 DD 06/06/17 No. of SHARES - 193,000	193,807	197,551
BECTON DICKINSON AND CO	FIXED INCOME; CORP; 4.669% 06/06/2047 DD 06/06/17 No. of SHARES - 275,000	284,622	295,378
BOSTON SCIENTIFIC CORP	FIXED INCOME; CORP; 4.550% 03/01/2039 DD 02/25/19 No. of SHARES - 435,000	455,354	466,742

BOSTON SCIENTIFIC CORP	FIXED INCOME; CORP; 4.700% 03/01/2049 DD 02/25/19 No. of SHARES - 340,000	359,434	371,627
BOSTON SCIENTIFIC CORP	FIXED INCOME; CORP; 4.000% 03/01/2029 DD 02/25/19 No. of SHARES - 145,000	150,311	152,685
CVS HEALTH CORP	FIXED INCOME; CORP; 5.125% 07/20/2045 DD 07/20/15 No. of SHARES - 360,000	360,958	366,793
CVS HEALTH CORP	FIXED INCOME; CORP; 4.300% 03/25/2028 DD 03/09/18 No. of SHARES - 110,000	111,782	113,291
CVS HEALTH CORP	FIXED INCOME; CORP; 4.780% 03/25/2038 DD 03/09/18 No. of SHARES - 565,000	554,033	565,017
CVS HEALTH CORP	FIXED INCOME; CORP; 4.780% 03/25/2038 DD 03/09/18 No. of SHARES - 2,995,000	2,936,867	2,995,090
CVS HEALTH CORP	FIXED INCOME; CORP; 5.050% 03/25/2048 DD 03/09/18 No. of SHARES - 1,035,000	1,027,962	1,052,647
CVS HEALTH CORP	FIXED INCOME; CORP; 5.050% 03/25/2048 DD 03/09/18 No. of SHARES - 935,000	928,642	950,942
CARDINAL HEALTH INC	FIXED INCOME; CORP; 4.900% 09/15/2045 DD 06/23/15 No. of SHARES - 135,000	126,307	129,391
CELGENE CORP	FIXED INCOME; CORP; 4.350% 11/15/2047 DD 11/09/17 No. of SHARES - 5,110,000	5,206,221	5,381,852
CELGENE CORP	FIXED INCOME; CORP; 4.350% 11/15/2047 DD 11/09/17 No. of SHARES - 70,000	71,318	73,724
CELGENE CORP	FIXED INCOME; CORP; 4.350% 11/15/2047 DD 11/09/17 No. of SHARES - 2,850,000	2,946,910	3,001,620
CHRISTUS HEALTH	FIXED INCOME; CORP; 4.341% 07/01/2028 DD 10/30/18 No. of SHARES - 700,000	700,000	770,623
DUKE UNIVERSITY HEALTH SYSTEM	FIXED INCOME; CORP; 3.920% 06/01/2047 DD 06/06/17 No. of SHARES - 600,000	600,000	637,572
EXPRESS SCRIPTS HOLDING CO	FIXED INCOME; CORP; 3.400% 03/01/2027 DD 07/05/16 No. of SHARES - 265,000	259,435	263,232
EXPRESS SCRIPTS HOLDING CO	FIXED INCOME; CORP; 4.800% 07/15/2046 DD 07/05/16 No. of SHARES - 500,000	493,450	499,675
GILEAD SCIENCES INC	FIXED INCOME; CORP; 4.500% 02/01/2045 DD 11/17/14 No. of SHARES - 235,000	239,134	244,076
GILEAD SCIENCES INC	FIXED INCOME; CORP; 4.750% 03/01/2046 DD 09/14/15 No. of SHARES - 145,000	153,232	155,207
GILEAD SCIENCES INC	FIXED INCOME; CORP; 4.600% 09/01/2035 DD 09/14/15 No. of SHARES - 515,000	548,815	557,302
GILEAD SCIENCES INC	FIXED INCOME; CORP; 4.000% 09/01/2036 DD 09/20/16 No. of SHARES - 200,000	199,562	203,902
HCA INC	FIXED INCOME; CORP; 5.500% 06/15/2047 DD 06/22/17 No. of SHARES - 2,200,000	2,283,754	2,312,090
JOHNSON & JOHNSON	FIXED INCOME; CORP; 3.625% 03/03/2037 DD 03/03/17 No. of SHARES - 5,165,000	5,240,977	5,354,917
KAISER FOUNDATION HOSPITALS	FIXED INCOME; CORP; 4.150% 05/01/2047 DD 05/03/17 No. of SHARES - 235,000	250,801	258,968

ELI LILLY & CO	FIXED INCOME; CORP; 4.150% 03/15/2059 DD 02/22/19 No. of SHARES - 245,000	250,035	259,965
MCLAREN HEALTH CARE CORP	FIXED INCOME; CORP; 4.386% 05/15/2048 DD 07/25/18 No. of SHARES - 900,000	900,000	1,005,075
MEDTRONIC INC	FIXED INCOME; CORP; 4.375% 03/15/2035 DD 03/15/15 No. of SHARES - 625,000	675,950	694,638
MEDTRONIC INC	FIXED INCOME; CORP; 4.625% 03/15/2045 DD 03/15/15 No. of SHARES - 140,000	157,419	161,648
MERCK & CO INC	FIXED INCOME; CORP; 3.600% 09/15/2042 DD 09/13/12 No. of SHARES - 195,000	190,817	195,973
NORTHWELL HEALTHCARE INC	FIXED INCOME; CORP; 4.260% 11/01/2047 DD 09/26/17 No. of SHARES - 170,000	174,882	179,865
NOVARTIS CAPITAL CORP	FIXED INCOME; CORP; 4.400% 05/06/2044 DD 02/21/14 No. of SHARES - 940,000	1,036,510	1,061,974
PFIZER INC	FIXED INCOME; CORP; 4.000% 12/15/2036 DD 11/21/16 No. of SHARES - 420,000	434,108	444,419
PFIZER INC	FIXED INCOME; CORP; 4.000% 03/15/2049 DD 03/11/19 No. of SHARES - 720,000	740,254	760,831
UNITEDHEALTH GROUP INC	FIXED INCOME; CORP; 3.950% 10/15/2042 DD 10/22/12 No. of SHARES - 205,000	203,374	208,356
UNITEDHEALTH GROUP INC	FIXED INCOME; CORP; 4.625% 07/15/2035 DD 07/23/15 No. of SHARES - 295,000	323,653	329,353
UNITEDHEALTH GROUP INC	FIXED INCOME; CORP; 3.750% 10/15/2047 DD 10/25/17 No. of SHARES - 160,000	153,053	157,206
UNITEDHEALTH GROUP INC	FIXED INCOME; CORP; 3.850% 06/15/2028 DD 06/19/18 No. of SHARES - 85,000	88,870	89,907
UNITEDHEALTH GROUP INC	FIXED INCOME; CORP; 4.250% 06/15/2048 DD 06/19/18 No. of SHARES - 860,000	895,441	917,448
UNITEDHEALTH GROUP INC	FIXED INCOME; CORP; 4.450% 12/15/2048 DD 12/17/18 No. of SHARES - 230,000	246,229	252,223
ANTHEM INC	FIXED INCOME; CORP; 5.100% 01/15/2044 DD 08/06/13 No. of SHARES - 265,000	283,648	287,175
WYETH LLC	FIXED INCOME; CORP; 6.500% 02/01/2034 DD 12/16/03 No. of SHARES - 40,000	42,118	54,836
ZOETIS INC	FIXED INCOME; CORP; 4.700% 02/01/2043 DD 08/01/13 No. of SHARES - 600,000	599,196	668,670
ZOETIS INC	FIXED INCOME; CORP; 3.900% 08/20/2028 DD 08/20/18 No. of SHARES - 800,000	798,488	835,104
UNILEVER CAPITAL CORP	FIXED INCOME; CORP; 5.900% 11/15/2032 DD 11/12/02 No. of SHARES - 380,000	479,507	487,377
CATERPILLAR INC	FIXED INCOME; CORP; 4.750% 05/15/2064 DD 05/08/14 No. of SHARES - 705,000	792,378	825,767
AFLAC INC	FIXED INCOME; CORP; 4.750% 01/15/2049 DD 10/31/18 No. of SHARES - 700,000	695,380	789,894
AMERICAN FINANCIAL GROUP INC/O	FIXED INCOME; CORP; 4.500% 06/15/2047 DD 06/02/17 No. of SHARES - 1,000,000	994,600	1,000,060

AMERICAN INTERNATIONAL GROUP I	FIXED INCOME; CORP; 4.500% 07/16/2044 DD 07/16/14 No. of SHARES - 1,210,000	1,204,858	1,220,672
AMERICAN INTERNATIONAL GROUP I	FIXED INCOME; CORP; 4.750% 04/01/2048 DD 03/26/18 No. of SHARES - 415,000	429,647	434,078
AMERICAN INTERNATIONAL GROUP I	FIXED INCOME; CORP; 4.250% 03/15/2029 DD 03/15/19 No. of SHARES - 210,000	217,182	218,948
ARCH CAPITAL FINANCE LLC	FIXED INCOME; CORP; 5.031% 12/15/2046 DD 12/08/16 No. of SHARES - 3,565,000	4,042,389	4,129,625
AXA EQUITABLE HOLDINGS INC	FIXED INCOME; CORP; 4.350% 04/20/2028 DD 10/20/18 No. of SHARES - 300,000	299,445	308,694
AXA EQUITABLE HOLDINGS INC	FIXED INCOME; CORP; 5.000% 04/20/2048 DD 10/20/18 No. of SHARES - 800,000	797,656	805,800
BERKSHIRE HATHAWAY FINANCE CORP	FIXED INCOME; CORP; 4.200% 08/15/2048 DD 08/15/18 No. of SHARES - 900,000	895,437	960,633
BERKSHIRE HATHAWAY FINANCE CORP	FIXED INCOME; CORP; 4.200% 08/15/2048 DD 08/15/18 No. of SHARES - 1,390,000	1,443,223	1,483,644
LINCOLN NATIONAL CORP	FIXED INCOME; CORP; 4.350% 03/01/2048 DD 02/12/18 No. of SHARES - 2,005,000	2,014,584	2,059,596
METLIFE INC	FIXED INCOME; CORP; 5.700% 06/15/2035 DD 06/23/05 No. of SHARES - 475,000	586,967	598,044
METLIFE INC	FIXED INCOME; CORP; 4.050% 03/01/2045 DD 03/05/15 No. of SHARES - 275,000	278,058	284,925
PRINCIPAL FINANCIAL GROUP INC	FIXED INCOME; CORP; 4.625% 09/15/2042 DD 09/10/12 No. of SHARES - 1,385,000	1,455,123	1,492,988
PRUDENTIAL FINANCIAL INC	FIXED INCOME; CORP; 3.905% 12/07/2047 DD 12/07/17 No. of SHARES - 145,000	140,889	144,743
PRUDENTIAL FINANCIAL INC	FIXED INCOME; CORP; 3.935% 12/07/2049 DD 12/07/17 No. of SHARES - 305,000	298,769	305,183
PRUDENTIAL FINANCIAL INC	FIXED INCOME; CORP; 6.625% 06/21/2040 DD 06/21/10 No. of SHARES - 310,000	411,175	419,120
PRUDENTIAL FINANCIAL INC	FIXED INCOME; CORP; 4.350% 02/25/2050 DD 02/25/19 No. of SHARES - 365,000	382,885	391,178
TRAVELERS COS INC/THE	FIXED INCOME; CORP; 4.000% 05/30/2047 DD 05/22/17 No. of SHARES - 1,665,000	1,709,539	1,750,664
TRAVELERS COS INC/THE	FIXED INCOME; CORP; 4.100% 03/04/2049 DD 03/04/19 No. of SHARES - 1,465,000	1,526,984	1,561,104
BURLINGTON NORTHERN SANTA FE	FIXED INCOME; CORP; 6.150% 05/01/2037 DD 04/13/07 No. of SHARES - 440,000	566,130	575,709
SANDS CHINA LTD	FIXED INCOME; CORP; 5.400% 08/08/2028 DD 08/09/18 No. of SHARES - 200,000	199,450	209,198
VULCAN MATERIALS CO	FIXED INCOME; CORP; 4.500% 06/15/2047 DD 06/15/17 No. of SHARES - 520,000	484,780	491,598
BHP BILLITON FINANCE USA LTD	FIXED INCOME; CORP; 5.000% 09/30/2043 DD 09/30/13 No. of SHARES - 215,000	251,038	255,285
BARRICK PD AUSTRALIA FINANCE P	FIXED INCOME; CORP; 5.950% 10/15/2039 DD 10/16/09 No. of SHARES - 245,000	280,099	282,808

NEWMONT GOLDCORP CORP	FIXED INCOME; CORP; 6.250% 10/01/2039 DD 09/18/09 No. of SHARES - 1,210,000	1,439,077	1,467,597
BARRICK GOLD CORP	FIXED INCOME; CORP; 6.450% 10/15/2035 DD 04/15/04 No. of SHARES - 200,000	236,234	241,666
RIO TINTO FINANCE USA PLC	FIXED INCOME; CORP; 4.125% 08/21/2042 DD 08/21/12 No. of SHARES - 385,000	400,192	409,790
SOUTHERN COPPER CORP	FIXED INCOME; CORP; 5.875% 04/23/2045 DD 04/23/15 No. of SHARES - 435,000	484,507	482,267
BURLINGTON NORTHERN SANTA FE	FIXED INCOME; CORP; 4.150% 12/15/2048 DD 08/02/18 No. of SHARES - 225,000	234,905	240,845
BURLINGTON NORTHERN SANTA FE	FIXED INCOME; CORP; 4.050% 06/15/2048 DD 03/05/18 No. of SHARES - 195,000	200,353	204,502
BURLINGTON NORTHERN SANTA FE	FIXED INCOME; CORP; 4.150% 04/01/2045 DD 03/09/15 No. of SHARES - 305,000	317,465	323,779
BURLINGTON NORTHERN SANTA FE	FIXED INCOME; CORP; 4.150% 04/01/2045 DD 03/09/15 No. of SHARES - 3,515,000	3,658,658	3,731,419
BURLINGTON NORTHERN SANTA FE	FIXED INCOME; CORP; 4.375% 09/01/2042 DD 08/23/12 No. of SHARES - 135,000	142,441	146,659
BURLINGTON NORTHERN SANTA FE	FIXED INCOME; CORP; 5.050% 03/01/2041 DD 09/10/10 No. of SHARES - 135,000	154,605	157,216
TRIMBLE INC	FIXED INCOME; CORP; 4.150% 06/15/2023 DD 06/15/18 No. of SHARES - 500,000	499,820	514,180
ORACLE CORP	FIXED INCOME; CORP; 4.000% 11/15/2047 DD 11/09/17 No. of SHARES - 250,000	246,055	253,418
ORACLE CORP	FIXED INCOME; CORP; 3.800% 11/15/2037 DD 11/09/17 No. of SHARES - 900,000	896,616	904,230
ORACLE CORP	FIXED INCOME; CORP; 3.800% 11/15/2037 DD 11/09/17 No. of SHARES - 310,000	306,252	311,457
ORACLE CORP	FIXED INCOME; CORP; 4.000% 07/15/2046 DD 07/07/16 No. of SHARES - 55,000	53,985	55,249
ORACLE CORP	FIXED INCOME; CORP; 4.125% 05/15/2045 DD 05/05/15 No. of SHARES - 390,000	389,856	399,524
ORACLE CORP	FIXED INCOME; CORP; 4.300% 07/08/2034 DD 07/08/14 No. of SHARES - 840,000	895,768	909,602
MICROSOFT CORP	FIXED INCOME; CORP; 4.100% 02/06/2037 DD 02/06/17 No. of SHARES - 1,105,000	1,191,367	1,220,616
MICROSOFT CORP	FIXED INCOME; CORP; 3.950% 08/08/2056 DD 08/08/16 No. of SHARES - 545,000	558,647	582,414
MICROSOFT CORP	FIXED INCOME; CORP; 3.700% 08/08/2046 DD 08/08/16 No. of SHARES - 3,445,000	3,489,921	3,584,075
ANADARKO PETROLEUM CORP	FIXED INCOME; CORP; 4.500% 07/15/2044 DD 07/07/14 No. of SHARES - 80,000	79,178	79,502
ANDEAVOR LOGISTICS LP / TESORO	FIXED INCOME; CORP; 5.200% 12/01/2047 DD 11/28/17 No. of SHARES - 210,000	210,641	213,738
APACHE CORP	FIXED INCOME; CORP; 5.100% 09/01/2040 DD 08/20/10 No. of SHARES - 50,000	49,311	49,602

APACHE CORP	FIXED INCOME; CORP; 5.250% 02/01/2042 DD 12/03/10 No. of SHARES - 75,000	75,318	76,997
APACHE CORP	FIXED INCOME; CORP; 4.250% 01/15/2044 DD 12/03/12 No. of SHARES - 150,000	133,026	134,331
COLUMBIA PIPELINE GROUP INC	FIXED INCOME; CORP; 5.800% 06/01/2045 DD 12/01/15 No. of SHARES - 425,000	477,993	487,008
CONCHO RESOURCES INC	FIXED INCOME; CORP; 4.850% 08/15/2048 DD 07/02/18 No. of SHARES - 80,000	84,524	83,834
CONOCOPHILLIPS HOLDING CO	FIXED INCOME; CORP; 6.950% 04/15/2029 DD 04/20/99 No. of SHARES - 1,000,000	1,284,080	1,299,420
CONTINENTAL RESOURCES INC	FIXED INCOME; CORP; 3.800% 06/01/2024 DD 05/19/14 No. of SHARES - 200,000	195,132	200,888
CONTINENTAL RESOURCES INC	FIXED INCOME; CORP; 4.900% 06/01/2044 DD 05/19/14 No. of SHARES - 620,000	629,821	631,427
DEVON ENERGY CORP	FIXED INCOME; CORP; 5.600% 07/15/2041 DD 07/12/11 No. of SHARES - 300,000	341,515	341,175
DEVON ENERGY CORP	FIXED INCOME; CORP; 4.750% 05/15/2042 DD 05/14/12 No. of SHARES - 30,000	30,595	31,089
DEVON ENERGY CORP	FIXED INCOME; CORP; 5.000% 06/15/2045 DD 06/16/15 No. of SHARES - 200,000	212,430	217,782
KINDER MORGAN ENERGY PARTNERS	FIXED INCOME; CORP; 4.700% 11/01/2042 DD 11/08/12 No. of SHARES - 100,000	96,459	97,693
ENERGY TRANSFER OPERATING LP	FIXED INCOME; CORP; 5.150% 02/01/2043 DD 01/22/13 No. of SHARES - 40000	38,265	38,371
ENERGY TRANSFER OPERATING LP	FIXED INCOME; CORP; 5.950% 10/01/2043 DD 09/19/13 No. of SHARES - 365000	384,009	384,776
ENERGY TRANSFER OPERATING LP	FIXED INCOME; CORP; 5.150% 03/15/2045 DD 03/12/15 No. of SHARES - 295000	285,483	285,212
ENERGY TRANSFER OPERATING LP	FIXED INCOME; CORP; 6.125% 12/15/2045 DD 06/23/15 No. of SHARES - 310000	334,220	339,314
ENERGY TRANSFER OPERATING LP	FIXED INCOME; CORP; 5.300% 04/15/2047 DD 01/17/17 No. of SHARES - 170000	167,443	167,963
ENERGY TRANSFER OPERATING LP	FIXED INCOME; CORP; 6.000% 06/15/2048 DD 06/08/18 No. of SHARES - 1535000	1,645,351	1,653,763
ENERGY TRANSFER OPERATING LP	FIXED INCOME; CORP; 6.000% 06/15/2048 DD 06/08/18 No. of SHARES - 265000	284,051	285,503
ENERGY TRANSFER OPERATING LP	FIXED INCOME; CORP; 6.250% 04/15/2049 DD 01/15/19 No. of SHARES - 715000	797,289	799,928
ENERGY TRANSFER OPERATING LP	FIXED INCOME; CORP; 6.250% 04/15/2049 DD 01/15/19 No. of SHARES - 200000	199,700	223,756
ENTERPRISE PRODUCTS OPERATING	FIXED INCOME; CORP; 6.875% 03/01/2033 DD 02/14/03 No. of SHARES - 285000	363,734	364,512
ENTERPRISE PRODUCTS OPERATING	FIXED INCOME; CORP; 4.850% 03/15/2044 DD 03/18/13 No. of SHARES - 70000	74,030	74,311
ENTERPRISE PRODUCTS OPERATING	FIXED INCOME; CORP; 4.950% 10/15/2054 DD 10/14/14 No. of SHARES - 490000	511,972	527,392

ENTERPRISE PRODUCTS OPERATING	FIXED INCOME; CORP; 4.950% 10/15/2054 DD 10/14/14 No. of SHARES - 1520000	1,588,157	1,635,991
ENTERPRISE PRODUCTS OPERATING	FIXED INCOME; CORP; 4.900% 05/15/2046 DD 05/07/15 No. of SHARES - 2050000	2,174,189	2,191,184
ENTERPRISE PRODUCTS OPERATING	FIXED INCOME; CORP; 4.800% 02/01/2049 DD 10/11/18 No. of SHARES - 390,000	412,290	413,080
HALLIBURTON CO	FIXED INCOME; CORP; 4.850% 11/15/2035 DD 11/13/15 No. of SHARES - 520,000	543,852	556,093
HALLIBURTON CO	FIXED INCOME; CORP; 5.000% 11/15/2045 DD 11/13/15 No. of SHARES - 255,000	268,943	266,791
KINDER MORGAN INC	FIXED INCOME; CORP; 5.550% 06/01/2045 DD 11/26/14 No. of SHARES - 285,000	306,711	309,040
KINDER MORGAN INC	FIXED INCOME; CORP; 4.300% 03/01/2028 DD 03/01/18 No. of SHARES - 1,360,000	1,411,326	1,414,373
KINDER MORGAN INC	FIXED INCOME; CORP; 5.200% 03/01/2048 DD 03/01/18 No. of SHARES - 550,000	573,397	576,824
MPLX LP	FIXED INCOME; CORP; 5.200% 03/01/2047 DD 02/10/17 No. of SHARES - 285,000	289,315	290,777
MPLX LP	FIXED INCOME; CORP; 4.500% 04/15/2038 DD 02/08/18 No. of SHARES - 465,000	440,183	441,611
MPLX LP	FIXED INCOME; CORP; 5.500% 02/15/2049 DD 11/15/18 No. of SHARES - 1,410,000	1,493,839	1,501,523
MPLX LP	FIXED INCOME; CORP; 5.500% 02/15/2049 DD 11/15/18 No. of SHARES - 365,000	386,703	388,692
MAGELLAN MIDSTREAM PARTNERS LP	FIXED INCOME; CORP; 4.850% 02/01/2049 DD 01/18/19 No. of SHARES - 2,490,000	2,640,172	2,689,449
MARATHON OIL CORP	FIXED INCOME; CORP; 6.600% 10/01/2037 DD 09/27/07 No. of SHARES - 145,000	173,870	174,149
MARATHON OIL CORP	FIXED INCOME; CORP; 5.200% 06/01/2045 DD 06/10/15 No. of SHARES - 300,000	321,423	324,888
MARATHON OIL CORP	FIXED INCOME; CORP; 4.400% 07/15/2027 DD 07/24/17 No. of SHARES - 120,000	124,573	124,471
MARATHON PETROLEUM CORP	FIXED INCOME; CORP; 6.500% 03/01/2041 DD 09/01/11 No. of SHARES - 1,500,000	1,799,220	1,820,610
NOBLE ENERGY INC	FIXED INCOME; CORP; 5.050% 11/15/2044 DD 11/07/14 No. of SHARES - 665,000	682,177	674,496
NOBLE ENERGY INC	FIXED INCOME; CORP; 4.950% 08/15/2047 DD 08/15/17 No. of SHARES - 170,000	173,992	173,715
OCCIDENTAL PETROLEUM CORP	FIXED INCOME; CORP; 4.200% 03/15/2048 DD 03/02/18 No. of SHARES - 2,020,000	1,942,614	1,954,895
ONEOK INC	FIXED INCOME; CORP; 5.200% 07/15/2048 DD 07/02/18 No. of SHARES - 700,000	694,062	729,302
PETROLEOS MEXICANOS	FIXED INCOME; CORP; 6.375% 01/23/2045 DD 07/23/14 No. of SHARES - 535,000	472,138	470,747
PETROLEOS MEXICANOS	FIXED INCOME; CORP; 5.625% 01/23/2046 DD 01/23/16 No. of SHARES - 1,505,000	1,232,595	1,225,070

PETROLEOS MEXICANOS	FIXED INCOME; CORP; 6.750% 09/21/2047 DD 09/21/16 No. of SHARES - 250,000	226,475	225,975
PETROLEOS MEXICANOS	FIXED INCOME; CORP; 6.350% 02/12/2048 DD 08/12/18 No. of SHARES - 370,000	320,975	322,973
PHILLIPS 66	FIXED INCOME; CORP; 5.875% 05/01/2042 DD 11/01/12 No. of SHARES - 35,000	41,602	41,868
PHILLIPS 66	FIXED INCOME; CORP; 4.650% 11/15/2034 DD 11/17/14 No. of SHARES - 255,000	270,902	274,467
PHILLIPS 66	FIXED INCOME; CORP; 4.875% 11/15/2044 DD 11/17/14 No. of SHARES - 225,000	239,321	245,327
PLAINS ALL AMERICAN PIPELINE	FIXED INCOME; CORP; 3.600% 11/01/2024 DD 09/09/14 No. of SHARES - 500,000	493,234	500,950
SHELL INTERNATIONAL FINANCE BV	FIXED INCOME; CORP; 3.625% 08/21/2042 DD 08/21/12 No. of SHARES - 80,000	77,453	79,061
SHELL INTERNATIONAL FINANCE BV	FIXED INCOME; CORP; 4.125% 05/11/2035 DD 05/11/15 No. of SHARES - 830,000	885,029	895,919
SHELL INTERNATIONAL FINANCE BV	FIXED INCOME; CORP; 4.000% 05/10/2046 DD 05/10/16 No. of SHARES - 605,000	622,563	634,457
SHELL INTERNATIONAL FINANCE BV	FIXED INCOME; CORP; 3.750% 09/12/2046 DD 09/12/16 No. of SHARES - 160,000	157,643	162,205
SUNOCO LOGISTICS PARTNERS OPERATIONS	FIXED INCOME; CORP; 5.350% 05/15/2045 DD 11/17/14 No. of SHARES - 1,030,000	1,023,573	1,023,387
SUNOCO LOGISTICS PARTNERS OPERATIONS	FIXED INCOME; CORP; 5.400% 10/01/2047 DD 09/21/17 No. of SHARES - 3,140,000	3,133,594	3,148,792
SUNOCO LOGISTICS PARTNERS OPERATIONS	FIXED INCOME; CORP; 5.400% 10/01/2047 DD 09/21/17 No. of SHARES - 705,000	703,562	706,974
TENNESSEE GAS PIPELINE CO LLC	FIXED INCOME; CORP; 7.000% 10/15/2028 DD 10/09/98 No. of SHARES - 415,000	505,819	508,018
TRANSCANADA PIPELINES LTD	FIXED INCOME; CORP; 4.750% 05/15/2038 DD 05/07/18 No. of SHARES - 330,000	340,969	346,160
TRANSCANADA PIPELINES LTD	FIXED INCOME; CORP; 4.875% 05/15/2048 DD 05/07/18 No. of SHARES - 335,000	346,434	351,629
TRANSCANADA PIPELINES LTD	FIXED INCOME; CORP; 5.100% 03/15/2049 DD 10/12/18 No. of SHARES - 125,000	135,301	136,235
TRANSCONTINENTAL GAS PIPE LINE	FIXED INCOME; CORP; 5.400% 08/15/2041 DD 02/15/12 No. of SHARES - 360,000	391,702	404,572
TRANSCONTINENTAL GAS PIPE LINE	FIXED INCOME; CORP; 4.450% 08/01/2042 DD 07/13/12 No. of SHARES - 490,000	481,807	495,905
WILLIAMS COS INC/THE	FIXED INCOME; CORP; 7.500% 01/15/2031 DD 01/17/01 No. of SHARES - 70,000	88,450	88,803
WILLIAMS COS INC/THE	FIXED INCOME; CORP; 5.750% 06/24/2044 DD 06/24/14 No. of SHARES - 100,000	108,937	109,018
WILLIAMS COS INC/THE	FIXED INCOME; CORP; 5.100% 09/15/2045 DD 03/03/15 No. of SHARES - 110,000	111,730	113,178
WILLIAMS COS INC/THE	FIXED INCOME; CORP; 4.850% 03/01/2048 DD 03/05/18 No. of SHARES - 1,395,000	1,377,493	1,414,823

WILLIAMS COS INC/THE	FIXED INCOME; CORP; 4.850% 03/01/2048 DD 03/05/18 No. of SHARES - 75,000	74,059	76,066
WILLIAMS COS INC/THE	FIXED INCOME; CORP; 6.300% 04/15/2040 DD 02/09/10 No. of SHARES - 510,000	584,134	595,731
WILLIAMS COS INC/THE	FIXED INCOME; CORP; 4.900% 01/15/2045 DD 06/27/14 No. of SHARES - 190,000	189,324	189,582
INTERNATIONAL PAPER CO	FIXED INCOME; CORP; 4.400% 08/15/2047 DD 08/11/16 No. of SHARES - 135,000	124,374	126,450
INTERNATIONAL PAPER CO	FIXED INCOME; CORP; 4.350% 08/15/2048 DD 08/09/17 No. of SHARES - 70,000	63,660	64,748
MICROSOFT CORP	FIXED INCOME; CORP; 3.700% 08/08/2046 DD 08/08/16 No. of SHARES - 1,080,000	1,084,072	1,123,600
MICROSOFT CORP	FIXED INCOME; CORP; 3.450% 08/08/2036 DD 08/08/16 No. of SHARES - 635,000	633,895	650,869
ARBOR REALTY COMMER FL1 A 144A	FIXED INCOME; CORP; VAR RT 05/15/2037 DD 06/05/19 No. of SHARES - 1,200,000	1,200,000	1,200,000
LOANCORE 2019-CRE2 CRE2 A 144A	FIXED INCOME; CORP; VAR RT 05/09/2036 DD 05/30/19 No. of SHARES - 1,100,000	1,100,000	1,102,463
CROWN POINT CLO 5 LT 5A A 144A	FIXED INCOME; CORP; VAR RT 07/17/2028 DD 07/17/18 No. of SHARES - 300,000	300,000	299,178
MOUNTAIN HAWK II C 2A A1R 144A	FIXED INCOME; CORP; VAR RT 07/20/2024 DD 07/20/18 No. of SHARES - 419,464	419,464	419,166
PALMER SQUARE LOAN 4A A1 144A	FIXED INCOME; CORP; VAR RT 11/15/2026 DD 10/31/18 No. of SHARES - 826,339	826,339	826,777
PALMER SQUARE CLO 2 3A A1 144A	FIXED INCOME; CORP; VAR RT 08/15/2026 DD 07/25/18 No. of SHARES - 332,469	332,469	330,478
TRALEE CLO V LTD 5A A1 144A	FIXED INCOME; CORP; VAR RT 10/20/2028 DD 10/31/18 No. of SHARES - 900,000	900,000	897,529
ECMC GROUP STUDENT L 1A A 144A	FIXED INCOME; CORP; VAR RT 02/27/2068 DD 03/08/18 No. of SHARES - 309,384	309,384	306,290
NAVIENT STUDENT LOAN 7A A 144A	FIXED INCOME; CORP; VAR RT 03/25/2066 DD 11/03/16 No. of SHARES - 357,695	357,695	361,705
SLM STUDENT LOAN T 10 A7B 144A	FIXED INCOME; CORP; VAR RT 10/25/2029 DD 04/25/18 No. of SHARES - 300,000	300,000	298,902
START IRELAND 1 A 144A	FIXED INCOME; CORP; 4.089% 03/15/2044 DD 04/18/19 No. of SHARES - 592,857	592,831	607,068
BPCE SA 144A	FIXED INCOME; CORP; VAR RT 09/12/2023 DD 09/12/18 No. of SHARES - 900,000	900,000	899,676
BPCE SA 144A	FIXED INCOME; CORP; 4.625% 09/12/2028 DD 09/12/18 No. of SHARES - 500,000	497,075	533,470
BANK OF IRELAND GROUP PLC 144A	FIXED INCOME; CORP; 4.500% 11/25/2023 DD 09/25/18 No. of SHARES - 800000	798,856	823,192
BANQUE FEDERATIVE DU CRED 144A	FIXED INCOME; CORP; VAR RT 07/20/2023 DD 07/20/18 No. of SHARES - 1,000,000	1,000,000	1,007,170
CREDIT SUISSE GROUP AG 144A	FIXED INCOME; CORP; 4.282% 01/09/2028 DD 01/09/17 No. of SHARES - 285,000	289,794	292,496

CREDIT SUISSE GROUP AG 144A	FIXED INCOME; CORP; VAR RT 01/12/2029 DD 01/12/18 No. of SHARES - 500,000	494,420	499,090
CREDIT SUISSE GROUP AG 144A	FIXED INCOME; CORP; VAR RT 06/12/2024 DD 06/12/18 No. of SHARES - 250,000	250,000	250,363
UBS AG/LONDON 144A	FIXED INCOME; CORP; 4.500% 06/26/2048 DD 06/26/18 No. of SHARES - 285,000	317,379	323,823
UBS GROUP FUNDING SWITZER 144A	FIXED INCOME; CORP; 4.253% 03/23/2028 DD 03/23/17 No. of SHARES - 310,000	320,769	324,595
UNICREDIT SPA 144A	FIXED INCOME; CORP; VAR RT 01/14/2022 DD 01/15/19 No. of SHARES - 1,200,000	1,200,000	1,242,912
AREIT 2018-CRE1 TR CRE1 A 144A	FIXED INCOME; CORP; VAR RT 02/14/2035 DD 02/28/18 No. of SHARES - 84,343	84,343	84,375
BAMLL COMMERCIAL MO AHT A 144A	FIXED INCOME; CORP; VAR RT 03/15/2034 DD 04/05/19 No. of SHARES - 1,100,000	1,100,000	1,100,715
BBCMS TRUST 2015- SRCH A2 144A	FIXED INCOME; CORP; 4.197% 08/10/2035 DD 12/06/15 No. of SHARES - 700,000	720,947	759,339
BBCMS TRUST 2015-S SRCH D 144A	FIXED INCOME; CORP; VAR RT 08/10/2035 DD 12/06/15 No. of SHARES - 500,000	503,075	535,725
COMM 2018-HOME MOR HOME A 144A	FIXED INCOME; CORP; VAR RT 04/10/2033 DD 06/01/18 No. of SHARES - 600,000	601,627	633,990
CORE INDUSTRIAL TR WEST C 144A	FIXED INCOME; CORP; 3.494% 02/10/2037 DD 04/01/15 No. of SHARES - 700,000	668,938	724,493
CREDIT SUISSE FIRST P1A A 144A	FIXED INCOME; CORP; VAR RT 03/25/2032 DD 03/01/02 No. of SHARES - 8,008	6,279	7,764
DBGS 2019-1735 MOR 1735 A 144A	FIXED INCOME; CORP; 3.843% 04/10/2037 DD 04/01/19 No. of SHARES - 1,200,000	1,235,934	1,268,280
CITIGROUP COMMERCI SMRT A 144A	FIXED INCOME; CORP; 4.149% 01/10/2024 DD 01/01/19 No. of SHARES - 2,100,000	2,162,970	2,240,994
FREDDIE MAC MILITAR R1 A3 144A	FIXED INCOME; CORP; VAR RT 11/25/2052 DD 09/01/15 No. of SHARES - 1,983,047	2,086,754	2,152,915
HPLY TRUST 2019-HIT HIT A 144A	FIXED INCOME; CORP; VAR RT 11/15/2036 DD 05/31/19 No. of SHARES - 1,400,000	1,400,000	1,400,875
MORGAN STANLEY CAPIT MP A 144A	FIXED INCOME; CORP; 4.418% 07/11/2040 DD 08/01/18 No. of SHARES - 400,000	411,548	442,684
NATIXIS COMMERCIAL LVL A 144A	FIXED INCOME; CORP; 3.885% 08/15/2038 DD 04/01/19 No. of SHARES - 800,000	823,997	857,808
CITIGROUP GLOBAL MAR 1 A1 144A	FIXED INCOME; CORP; VAR RT 05/25/2032 DD 05/30/02 No. of SHARES - 11,657	9,461	11,595
WORLDWIDE PLAZA TRU WWP A 144A	FIXED INCOME; CORP; 3.526% 11/10/2036 DD 11/01/17 No. of SHARES - 300,000	308,998	312,846
AIG SUNAMERICA GLOBAL FIN 144A	FIXED INCOME; CORP; 6.900% 03/15/2032 DD 03/20/02 No. of SHARES - 80,000	106,737	107,639
AP MOLLER - MAERSK A/S 144A	FIXED INCOME; CORP; 3.875% 09/28/2025 DD 09/28/15 No. of SHARES - 800,000	816,784	804,872
ANTERO MIDSTREAM PARTNERS 144A	FIXED INCOME; CORP; 5.750% 03/01/2027 DD 02/25/19 No. of SHARES - 1,000,000	1,000,000	1,007,500
AVIATION CAPITAL GROUP LL 144A	FIXED INCOME; CORP; 3.500% 11/01/2027 DD 10/18/17 No. of SHARES - 100,000	95,299	96,342
BACARDI LTD 144A	FIXED INCOME; CORP; 4.700% 05/15/2028 DD 04/30/18 No. of SHARES - 1,000,000	996,810	1,038,590

BAYER US FINANCE LLC 144A	FIXED INCOME; CORP; 3.375% 10/08/2024 DD 10/08/14 No. of SHARES - 3,175,000	3,111,627	3,132,741
BAYER US FINANCE II LLC 144A	FIXED INCOME; CORP; 3.875% 12/15/2023 DD 06/25/18 No. of SHARES - 200,000	199,348	203,316
BAYER US FINANCE II LLC 144A	FIXED INCOME; CORP; 4.375% 12/15/2028 DD 06/25/18 No. of SHARES - 200,000	198,542	202,828
BRISTOL-MYERS SQUIBB CO 144A	FIXED INCOME; CORP; 3.400% 07/26/2029 DD 05/16/19 No. of SHARES - 195,000	194,979	199,569
BRISTOL-MYERS SQUIBB CO 144A	FIXED INCOME; CORP; 4.125% 06/15/2039 DD 05/16/19 No. of SHARES - 400,000	398,632	417,160
BRISTOL-MYERS SQUIBB CO 144A	FIXED INCOME; CORP; 4.250% 10/26/2049 DD 05/16/19 No. of SHARES - 675,000	683,411	712,692
CORP NACIONAL DEL COBRE D 144A	FIXED INCOME; CORP; 4.250% 07/17/2042 DD 07/17/12 No. of SHARES - 375,000	374,205	383,471
CORP NACIONAL DEL COBRE D 144A	FIXED INCOME; CORP; 4.375% 02/05/2049 DD 02/05/19 No. of SHARES - 200,000	201,048	205,110
CROWN CASTLE TOWERS LLC 144A	FIXED INCOME; CORP; 4.241% 07/15/2048 DD 07/11/18 No. of SHARES - 100,000	100,000	106,511
DAIMLER FINANCE NORTH AMERICA 144A	FIXED INCOME; CORP; 3.400% 02/22/2022 DD 02/22/19 No. of SHARES - 900,000	898,650	911,403
DELL INTERNATIONAL LLC / 144A	FIXED INCOME; CORP; 5.300% 10/01/2029 DD 03/20/19 No. of SHARES - 100,000	99,313	102,290
DELL INTERNATIONAL LLC / 144A	FIXED INCOME; CORP; 8.350% 07/15/2046 DD 06/01/16 No. of SHARES - 335,000	402,858	408,941
WALT DISNEY CO/THE 144A	FIXED INCOME; CORP; 6.150% 03/01/2037 DD 03/20/19 No. of SHARES - 695,000	901,707	916,962
WALT DISNEY CO/THE 144A	FIXED INCOME; CORP; 6.650% 11/15/2037 DD 03/20/19 No. of SHARES - 355,000	484,603	493,826
WALT DISNEY CO/THE 144A	FIXED INCOME; CORP; 6.150% 02/15/2041 DD 03/20/19 No. of SHARES - 25,000	32,890	33,724
WALT DISNEY CO/THE 144A	FIXED INCOME; CORP; 6.150% 02/15/2041 DD 03/20/19 No. of SHARES - 2,405,000	3,164,042	3,244,273
WALT DISNEY CO/THE 144A	FIXED INCOME; CORP; 5.400% 10/01/2043 DD 03/20/19 No. of SHARES - 15,000	18,341	18,850
WALT DISNEY CO/THE 144A	FIXED INCOME; CORP; 4.950% 10/15/2045 DD 03/20/19 No. of SHARES - 80,000	94,334	97,502
DOW CHEMICAL CO/THE 144A	FIXED INCOME; CORP; 4.800% 11/30/2028 DD 11/30/18 No. of SHARES - 845,000	901,657	915,617
ELECTRICITE DE FRANCE SA 144A	FIXED INCOME; CORP; 4.875% 01/22/2044 DD 01/22/14 No. of SHARES - 30,000	30,894	31,662
ELECTRICITE DE FRANCE SA 144A	FIXED INCOME; CORP; 6.000% 01/22/2039 DD 01/22/14 No. of SHARES - 525,000	563,451	573,437
ELECTRICITE DE FRANCE SA 144A	FIXED INCOME; CORP; 4.950% 10/13/2045 DD 10/13/15 No. of SHARES - 5,000	5,202	5,332
ENI SPA 144A	FIXED INCOME; CORP; 4.000% 09/12/2023 DD 09/12/18 No. of SHARES - 400,000	397,852	412,588
ENEL FINANCE INTERNATIONA 144A	FIXED INCOME; CORP; 3.625% 05/25/2027 DD 05/25/17 No. of SHARES - 700,000	639,576	671,874

FORTRESS TRANSPORTATION & 144A	FIXED INCOME; CORP; 6.500% 10/01/2025 DD 09/18/18 No. of SHARES - 700,000	693,875	703,500
FOX CORP 144A	FIXED INCOME; CORP; 5.476% 01/25/2039 DD 01/25/19 No. of SHARES - 200,000	223,368	227,646
FOX CORP 144A	FIXED INCOME; CORP; 5.576% 01/25/2049 DD 01/25/19 No. of SHARES - 210,000	238,625	244,272
CIGNA CORP 144A	FIXED INCOME; CORP; 4.375% 10/15/2028 DD 09/17/18 No. of SHARES - 105,000	108,702	110,059
CIGNA CORP 144A	FIXED INCOME; CORP; 4.800% 08/15/2038 DD 09/17/18 No. of SHARES - 380,000	382,440	386,452
CIGNA CORP 144A	FIXED INCOME; CORP; 4.900% 12/15/2048 DD 09/17/18 No. of SHARES - 455,000	455,446	464,828
CIGNA CORP 144A	FIXED INCOME; CORP; 4.900% 12/15/2048 DD 09/17/18 No. of SHARES - 3,840,000	3,843,763	3,922,944
INDIANAPOLIS POWER & LIGH 144A	FIXED INCOME; CORP; 4.050% 05/01/2046 DD 05/24/16 No. of SHARES - 475,000	475,176	493,715
LIBERTY MUTUAL GROUP INC 144A	FIXED INCOME; CORP; 6.500% 03/15/2035 DD 03/22/05 No. of SHARES - 140,000	166,583	168,563
LIBERTY MUTUAL GROUP INC 144A	FIXED INCOME; CORP; 4.850% 08/01/2044 DD 07/24/14 No. of SHARES - 670,000	701,792	715,399
KEURIG DR PEPPER INC 144A	FIXED INCOME; CORP; 4.985% 05/25/2038 DD 05/25/18 No. of SHARES - 135,000	140,297	143,370
KEURIG DR PEPPER INC 144A	FIXED INCOME; CORP; 5.085% 05/25/2048 DD 05/25/18 No. of SHARES - 235,000	244,760	250,926
MARS INC 144A	FIXED INCOME; CORP; 3.600% 04/01/2034 DD 03/29/19 No. of SHARES - 160,000	160,506	164,570
MARS INC 144A	FIXED INCOME; CORP; 3.875% 04/01/2039 DD 03/29/19 No. of SHARES - 170,000	169,539	173,783
MEXICO GENERADORA DE ENER 144A	FIXED INCOME; CORP; 5.500% 12/06/2032 DD 12/06/12 No. of SHARES - 1,536,350	1,601,644	1,598,572
MONONGAHELA POWER CO 144A	FIXED INCOME; CORP; 5.400% 12/15/2043 DD 11/27/13 No. of SHARES - 770,000	927,996	954,746
NATIONWIDE BUILDING SOCIE 144A	FIXED INCOME; CORP; VAR RT 03/08/2024 DD 03/08/18 No. of SHARES - 700,000	686,679	704,851
NESTLE HOLDINGS INC 144A	FIXED INCOME; CORP; 3.900% 09/24/2038 DD 09/24/18 No. of SHARES - 220,000	227,581	233,330
NESTLE HOLDINGS INC 144A	FIXED INCOME; CORP; 4.000% 09/24/2048 DD 09/24/18 No. of SHARES - 295,000	306,186	314,258
NESTLE HOLDINGS INC 144A	FIXED INCOME; CORP; 4.000% 09/24/2048 DD 09/24/18 No. of SHARES - 5,035,000	5,225,927	5,363,685
NEWCREST FINANCE PTY LTD 144A	FIXED INCOME; CORP; 4.450% 11/15/2021 DD 11/15/11 No. of SHARES - 100,000	101,916	103,480
NIAGARA MOHAWK POWER CORP 144A	FIXED INCOME; CORP; 4.278% 12/15/2028 DD 12/04/18 No. of SHARES - 900,000	899,991	979,434
PERTAMINA PERSERO PT 144A	FIXED INCOME; CORP; 6.500% 11/07/2048 DD 11/07/18 No. of SHARES - 200,000	198,900	232,036

PENSKE TRUCK LEASING CO L 144A	FIXED INCOME; CORP; 4.450% 01/29/2026 DD 01/29/19 No. of SHARES - 600,000	598,392	628,902
PERUSAHAAN LISTRIK NEGARA 144A	FIXED INCOME; CORP; 6.250% 01/25/2049 DD 10/25/18 No. of SHARES - 200,000	198,586	225,446
PROTECTIVE LIFE CORP 144A	FIXED INCOME; CORP; 4.300% 09/30/2028 DD 08/23/18 No. of SHARES - 400,000	399,036	421,008
RIO OIL FINANCE TRUST SER 144A	FIXED INCOME; CORP; 8.200% 04/06/2028 DD 04/19/18 No. of SHARES - 800,000	800,000	878,008
SMBC AVIATION CAPITAL FIN 144A	FIXED INCOME; CORP; 4.125% 07/15/2023 DD 07/30/18 No. of SHARES - 300,000	299,592	312,030
SABAL TRAIL TRANSMISSION 144A	FIXED INCOME; CORP; 4.682% 05/01/2038 DD 04/30/18 No. of SHARES - 400,000	406,852	419,228
SABAL TRAIL TRANSMISSION 144A	FIXED INCOME; CORP; 4.832% 05/01/2048 DD 04/30/18 No. of SHARES - 385,000	398,448	405,201
SAUDI ARABIAN OIL CO 144A	FIXED INCOME; CORP; 4.375% 04/16/2049 DD 04/16/19 No. of SHARES - 200,000	191,830	197,992
SINOPEC GROUP OVERSEAS DE 144A	FIXED INCOME; CORP; 4.125% 09/12/2025 DD 09/12/18 No. of SHARES - 900,000	895,995	945,558
SYNGENTA FINANCE NV 144A	FIXED INCOME; CORP; 5.182% 04/24/2028 DD 04/24/18 No. of SHARES - 400,000	400,000	403,836
TEACHERS INSURANCE & ANNU 144A	FIXED INCOME; CORP; 4.270% 05/15/2047 DD 05/08/17 No. of SHARES - 1,295,000	1,349,507	1,390,662
TENCENT HOLDINGS LTD 144A	FIXED INCOME; CORP; 3.975% 04/11/2029 DD 04/11/19 No. of SHARES - 1,400,000	1,399,538	1,404,508
TENCENT HOLDINGS LTD 144A	FIXED INCOME; CORP; VAR RT 04/11/2024 DD 04/11/19 No. of SHARES - 1,000,000	1,000,000	995,190
TEXAS EASTERN TRANSMISSIO 144A	FIXED INCOME; CORP; 4.150% 01/15/2048 DD 01/09/18 No. of SHARES - 140,000	136,284	142,261
WOODSIDE FINANCE LTD 144A	FIXED INCOME; CORP; 4.500% 03/04/2029 DD 03/04/19 No. of SHARES - 400,000	399,268	415,876
MICROSOFT CORP	FIXED INCOME; CORP; 4.000% 02/12/2055 DD 02/12/15 No. of SHARES - 365,000	377,206	394,529
EPR PROPERTIES	FIXED INCOME; CORP; 4.500% 06/01/2027 DD 05/23/17 No. of SHARES - 700,000	695,751	721,329
HEALTHCARE TRUST OF AMERICA HO	FIXED INCOME; CORP; 2.950% 07/01/2022 DD 06/08/17 No. of SHARES - 300,000	299,814	300,558
REGENCY CENTERS LP	FIXED INCOME; CORP; 4.400% 02/01/2047 DD 01/26/17 No. of SHARES - 80,000	81,306	83,885
REGENCY CENTERS LP	FIXED INCOME; CORP; 4.650% 03/15/2049 DD 03/06/19 No. of SHARES - 325,000	343,538	353,444
SIMON PROPERTY GROUP LP	FIXED INCOME; CORP; 4.750% 03/15/2042 DD 03/13/12 No. of SHARES - 595,000	662,586	676,521
SIMON PROPERTY GROUP LP	FIXED INCOME; CORP; 4.250% 10/01/2044 DD 09/10/14 No. of SHARES - 30,000	31,369	31,789
AUTONATION INC	FIXED INCOME; CORP; 3.500% 11/15/2024 DD 11/10/17 No. of SHARES - 700,000	699,132	686,868

HOME DEPOT INC/THE	FIXED INCOME; CORP; 4.875% 02/15/2044 DD 09/10/13 No. of SHARES - 605,000	689,670	701,667
HOME DEPOT INC/THE	FIXED INCOME; CORP; 3.900% 06/15/2047 DD 06/05/17 No. of SHARES - 405,000	406,543	417,996
HOME DEPOT INC/THE	FIXED INCOME; CORP; 4.500% 12/06/2048 DD 12/06/18 No. of SHARES - 4,595,000	5,040,945	5,146,676
LOWE'S COS INC	FIXED INCOME; CORP; 4.375% 09/15/2045 DD 09/16/15 No. of SHARES - 335,000	330,417	335,211
LOWE'S COS INC	FIXED INCOME; CORP; 4.550% 04/05/2049 DD 04/05/19 No. of SHARES - 2,050,000	2,047,848	2,071,607
LOWE'S COS INC	FIXED INCOME; CORP; 4.550% 04/05/2049 DD 04/05/19 No. of SHARES - 260,000	259,727	262,740
MCDONALD'S CORP	FIXED INCOME; CORP; 4.600% 05/26/2045 DD 05/26/15 No. of SHARES - 625,000	647,769	671,419
MCDONALD'S CORP	FIXED INCOME; CORP; 4.450% 03/01/2047 DD 03/09/17 No. of SHARES - 2,035,000	2,095,440	2,129,587
MCDONALD'S CORP	FIXED INCOME; CORP; 3.800% 04/01/2028 DD 03/16/18 No. of SHARES - 400,000	398,004	419,160
MCDONALD'S CORP	FIXED INCOME; CORP; VAR RT 10/28/2021 DD 05/22/18 No. of SHARES - 500,000	500,000	499,670
STARBUCKS CORP	FIXED INCOME; CORP; 4.450% 08/15/2049 DD 05/13/19 No. of SHARES - 1,100,000	1,098,064	1,129,425
TARGET CORP	FIXED INCOME; CORP; 4.000% 07/01/2042 DD 06/26/12 No. of SHARES - 445,000	452,770	462,595
WALMART INC	FIXED INCOME; CORP; 3.950% 06/28/2038 DD 06/27/18 No. of SHARES - 385,000	401,255	411,253
WALMART INC	FIXED INCOME; CORP; 4.050% 06/29/2048 DD 06/27/18 No. of SHARES - 5,035,000	5,293,799	5,467,960
WALMART INC	FIXED INCOME; CORP; 4.050% 06/29/2048 DD 06/27/18 No. of SHARES - 700,000	737,368	760,193
MICROSOFT CORP	FIXED INCOME; CORP; 3.750% 02/12/2045 DD 02/12/15 No. of SHARES - 170,000	171,176	176,897
MICROSOFT CORP	FIXED INCOME; CORP; 3.500% 02/12/2035 DD 02/12/15 No. of SHARES - 135,000	136,249	139,223
INTERNATIONAL BUSINESS MACHINE	FIXED INCOME; CORP; 3.300% 05/15/2026 DD 05/15/19 No. of SHARES - 600,000	598,884	607,194
INTEL CORP	FIXED INCOME; CORP; 3.734% 12/08/2047 DD 06/08/18 No. of SHARES - 395,000	382,747	393,902
INTEL CORP	FIXED INCOME; CORP; 4.000% 12/15/2032 DD 12/11/12 No. of SHARES - 320,000	343,843	340,125
HEWLETT PACKARD ENTERPRISE CO	FIXED INCOME; CORP; VAR RT 10/05/2021 DD 09/19/18 No. of SHARES - 1,000,000	1,000,000	1,000,260
BROADCOM CORP / BROADCOM CAYMAN FINANCE LIMITED	FIXED INCOME; CORP; 3.125% 01/15/2025 DD 10/17/17 No. of SHARES - 200,000	199,944	190,876
BROADCOM CORP / BROADCOM CAYMAN FINANCE LIMITED	FIXED INCOME; CORP; 3.875% 01/15/2027 DD 01/15/18 No. of SHARES - 100,000	94,915	95,096

APPLE INC	FIXED INCOME; CORP; 2.900% 09/12/2027 DD 09/12/17 No. of SHARES - 1,500,000	1,498,320	1,498,770
APPLE INC	FIXED INCOME; CORP; 3.850% 08/04/2046 DD 08/04/16 No. of SHARES - 270,000	267,918	272,225
APPLE INC	FIXED INCOME; CORP; 4.650% 02/23/2046 DD 02/23/16 No. of SHARES - 915,000	1,010,977	1,038,068
APPLE INC	FIXED INCOME; CORP; 4.500% 02/23/2036 DD 02/23/16 No. of SHARES - 270,000	298,831	302,891
APPLE INC	FIXED INCOME; CORP; 3.450% 02/09/2045 DD 02/09/15 No. of SHARES - 500,000	463,040	473,365
APPLE INC	FIXED INCOME; CORP; 3.850% 05/04/2043 DD 05/03/13 No. of SHARES - 865,000	855,952	876,634
ACTIVISION BLIZZARD INC	FIXED INCOME; CORP; 3.400% 06/15/2027 DD 05/26/17 No. of SHARES - 700,000	695,569	695,443
ALABAMA POWER CO	FIXED INCOME; CORP; 4.150% 08/15/2044 DD 08/26/14; No. of SHARES - 2,085,000	2,154,514	2,207,515
STORA ENSO OYJ REGS	FIXED INCOME; CORP;2.500% 03/21/2028; No. of SHARES - 700,000	838,845	805,921
INTEREST RATE SWAPS, CREDIT DEFAULT SWAPS, INFLATION SWAPS, ZERO COUPON SWAPS	FIXED INCOME; CORP; VARIBLE INTEREST RATES AND MATURITY DATES	1,284,563	(4,048,012)
		$ 3,098,685,223	$ 3,324,560,227

Parker-Hannifin Consolidated Pension Plan - A
Schedule H, Line 4(j) – Schedule of Reportable Transactions
May 31, 2019
EIN 26-1200603

(a) Identity of party involved	(b) Description of asset (include interest rate and maturity in case of loan)	(c) Purchase price	(d) Selling price	(e) Lease rental	(f) Expense incurred with transaction	(g) Cost of asset	(h) Current value of assets on transaction date	(i) Net gain or (loss)
Category (i) - Individual transaction in excess of five percent of beginning plan net assets:								
*	EB TEMP INV FD VAR RT 12/31/49 FEE CL 13	$ 200,000,000	$ —			$ —	$200,000,000	$ —
*	EB TEMP INV FD VAR RT 12/31/49 FEE CL 13	295,674,517	—			—	295,674,517	—
*	COMMIT TO PUR FNMA SF MTG 2.500% 02/01/2048 DD 02/01/18	—	295,674,517			295,674,517	295,674,517	—
	BLACKROCK LONG TERM CREDIT BD INDX FD		407,094,738			317,101,163	407,094,738	89,993,575
	FRANKLIN TEMPLETON GLOBAL MULTISECTOR PLUS TRUST	—	154,427,007.1			138,825,357	154,427,007	15,601,650
*	AGT HIGH YIELD BOND PARTICIPANT CUSIP	222,000,000	—			—	222,000,000	—
*	AON GLOBAL EQUITY PARTICIPANT CUSIP	310,000,000	—			—	310,000,000	—
	SSGA GLOBAL EQUITY EX USA INDEX NL SF (ZVQN4)	157,000,000	—			—	157,000,000	—
	SSGA GLOBAL EQUITY EX USA INDEX NL SF (ZVQN4)	153,000,000	—			—	153,000,000	—
Category (iii) - Series of individual transaction in excess of five percent of beginning plan net assets:								
	COMMIT TO PUR FNMA SF MTG 4.500% 05/01/2049 DD 05/01/19	159,534,113	—			—	159,534,113	—
	COMMIT TO PUR FNMA SF MTG 4.500% 05/01/2049 DD 05/01/19	—	159,758,508			159,534,113	159,758,508	224,395
	COMMIT TO PUR FNMA SF MTG 4.500% 06/01/2049 DD 06/01/19	79,500,391	—			—	79,500,391	—
	COMMIT TO PUR FNMA SF MTG 4.500% 06/01/2049 DD 06/01/19	61,026,406	—			—	61,026,406	—
	COMMIT TO PUR FNMA SF MTG 4.500% 06/01/2049 DD 06/01/19	—	79,742,285			79,500,391	79,742,285	241,894
	COMMIT TO PUR FNMA SF MTG 4.500% 06/01/2049 DD 06/01/19	—	61,026,406			61,026,406	61,026,406	—
	FEDERAL NATL MTG ASSN STRIP 0.000% 05/15/2030 DD 05/05/00	—	81,067,688			81,069,401	81,067,688	(1,713)
	FEDERAL NATL MTG ASSN STRIP 0.000% 05/15/2030 DD 05/05/00	81,088,728	—			—	81,088,728	—
	PIMCO FDS SHORT TERM FLTG NAV PORT II	300,000	—			—	300,000	—
	PIMCO FDS SHORT TERM FLTG NAV PORT II	—	146,300,000			146,300,637	146,300,000	(637)
	PIMCO FDS SHORT TERM FLTG NAV PORT II	139,032,637	—			—	139,032,637	—
	U S TREASURY BOND 4.500% 05/15/2038 DD 05/15/08	4,663,249	—			—	4,663,249	—
	U S TREASURY BOND 4.500% 05/15/2038 DD 05/15/08	83,031,653	—			—	83,031,653	—
	U S TREASURY BOND 4.500% 05/15/2038 DD 05/15/08	—	87,750,000			87,374,575	87,750,000	375,425
	U S TREASURY BOND 4.375% 05/15/2040 DD 05/15/10	274,807,967	—			—	274,807,967	—
	U S TREASURY BOND 4.375% 05/15/2040 DD 05/15/10	—	275,150,721			274,106,504	275,150,721	1,044,217
	U S TREASURY BOND 4.250% 11/15/2040 DD 11/15/10	19,300,780	—			—	19,300,780	—
	U S TREASURY BOND 4.250% 11/15/2040 DD 11/15/10	241,246,491	—			—	241,246,491	—
	U S TREASURY BOND 4.250% 11/15/2040 DD 11/15/10	—	260,028,313			258,624,018	260,028,313	1,404,295

U S TREASURY BOND 4.375% 05/15/2041 DD 05/15/11	11,721,097	—	—	11,721,097	—
U S TREASURY BOND 4.375% 05/15/2041 DD 05/15/11	71,092,708	—	—	71,092,708	—
U S TREASURY BOND 4.375% 05/15/2041 DD 05/15/11	—	75,904,966	75,509,266	75,904,966	395,700
U S TREASURY BOND 3.000% 05/15/2042 DD 05/15/12	20,760,394	—	—	20,760,394	—
U S TREASURY BOND 3.000% 05/15/2042 DD 05/15/12	182,706,796	—	—	182,706,796	—
U S TREASURY BOND 3.000% 05/15/2042 DD 05/15/12	—	183,456,250	182,706,796	183,456,250	749,454
U S TREASURY BOND 2.750% 08/15/2042 DD 08/15/12	135,964,164	—	—	135,964,164	—
U S TREASURY BOND 2.750% 08/15/2042 DD 08/15/12	—	143,354,577	143,110,011	143,354,577	244,566
U S TREASURY BOND 3.375% 05/15/2044 DD 05/15/14	25,295,834	—	—	25,295,834	—
U S TREASURY BOND 3.375% 05/15/2044 DD 05/15/14	108,822,636	—	—	108,822,636	—
U S TREASURY BOND 3.375% 05/15/2044 DD 05/15/14	—	109,614,791	108,959,816	109,614,791	654,975
U S TREASURY BOND 3.125% 08/15/2044 DD 08/15/14	46,878,340	—	—	46,878,340	—
U S TREASURY BOND 3.125% 08/15/2044 DD 08/15/14	162,946,038	—	—	162,946,038	—
U S TREASURY BOND 3.125% 08/15/2044 DD 08/15/14	—	164,612,263	162,889,962	164,612,263	1,722,301
U S TREASURY BOND 2.500% 02/15/2045 DD 02/15/15	34,163,891	—	—	34,163,891	—
U S TREASURY BOND 2.500% 02/15/2045 DD 02/15/15	301,879,509	—	—	301,879,509	—
U S TREASURY BOND 2.500% 02/15/2045 DD 02/15/15	—	336,398,291	334,894,579	336,398,291	1,503,712
U S TREASURY NOTE 2.250% 11/15/2027 DD 11/15/17	26,088,175	—	—	26,088,175	—
U S TREASURY NOTE 2.250% 11/15/2027 DD 11/15/17	183,072,854	—	—	183,072,854	—
U S TREASURY NOTE 2.250% 11/15/2027 DD 11/15/17	—	183,310,385	183,072,854	183,310,385	237,531
U S TREASURY NOTE 2.625% 02/15/2029 DD 02/15/19	297,061,533	—	—	297,061,533	—
U S TREASURY NOTE 2.625% 02/15/2029 DD 02/15/19	—	294,127,143	293,926,542	294,127,143	200,601
U S TREASURY NOTE 1.125% 02/28/2021 DD 02/29/16	7,279,221	—	—	7,279,221	—
U S TREASURY NOTE 1.125% 02/28/2021 DD 02/29/16	85,688,292	—	—	85,688,292	—
U S TREASURY NOTE 1.125% 02/28/2021 DD 02/29/16	—	85,717,188	85,688,292	85,717,188	28,896
U S TREASURY NOTE 1.375% 05/31/2021 DD 05/31/16	6,808,310	—	—	6,808,310	—
U S TREASURY NOTE 1.375% 05/31/2021 DD 05/31/16	84,868,939	—	—	84,868,939	—
U S TREASURY NOTE 1.375% 05/31/2021 DD 05/31/16	—	84,903,281	84,873,488	84,903,281	29,793
US TREAS-CPI INFLAT 0.750% 07/15/2028 DD 07/15/18	96,311,382	—	—	96,311,382	—
US TREAS-CPI INFLAT 0.750% 07/15/2028 DD 07/15/18	—	91,698,518	91,626,242	91,698,518	72,276
U S TREASURY BD CPN STRIP 0.000% 11/15/2036 DD 08/15/07	104,319,211	—	—	104,319,211	—
U S TREASURY BD CPN STRIP 0.000% 11/15/2036 DD 08/15/07	—	104,175,406	103,895,622	104,175,406	279,784

*	EB TEMP INV FD VAR RT 12/31/49 FEE CL 13	1,264,026,713	—	—	1,264,026,713	—
*	EB TEMP INV FD VAR RT 12/31/49 FEE CL 13	—	1,173,786,142	1,173,786,142	1,173,786,142	—
	BLACKROCK LONG TERM CREDIT BD INDX FD	105,000,000	—	—	105,000,000	—
	BLACKROCK LONG TERM CREDIT BD INDX FD	—	417,076,077	324,876,116	417,076,077	92,199,961
	FRANKLIN TEMPLETON GLOBAL MULTISECTOR PLUS TRUST	—	154,560,246	138,944,966	154,560,246	15,615,280
	JPMCB EMERGING MARKETS EQUITY FOCUSED FUND	17,500,000	—	—	17,500,000	—
	JPMCB EMERGING MARKETS EQUITY FOCUSED FUND	—	137,230,087	86,939,493	137,230,087	50,290,594
*	AGT HIGH YIELD BOND PARTICIPANT CUSIP	222,000,000	—	—	222,000,000	—
*	AON GLOBAL EQUITY PARTICIPANT CUSIP	381,185,737	—	—	381,185,737	—
*	S&P 500 (R) INDX NL SF CL A (CMM3) (AONPHMT - CMM3)	202,712,516	—	—	202,712,516	—
*	S&P 500 (R) INDX NL SF CL A (CMM3) (AONPHMT - CMM3)	—	10,000,501	9,832,586	10,000,501	167,915
	SSGA GLOBAL EQUITY EX USA INDEX NL SF (ZVQN4)	309,818,178	—	—	309,818,178	—
	*** Denotes Party-in-Interest**					

Schedule SB Attachment (Form 5500)—June 1, 2018 Plan Year
Parker-Hannifin Consolidated Pension Plan - A
EIN: 34-0451060 PN: 001

Schedule SB, line 26—Schedule of Active Participant Data as of June 1, 2018

Number of Participants and Average Compensation

Attained Age	Years of Credited Service									
	<1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+
<25	42 $38,499	80 $51,329	3							
25-29	41 $51,660	148 $50,365	82 $64,416	1						
30-34	37 $68,176	102 $53,052	105 $59,534	52 $67,545	3					
35-39	51 $81,937	162 $73,192	103 $67,407	80 $71,212	70 $72,773	15			1	
40-44	41 $82,914	206 $81,656	292 $91,192	90 $72,935	179 $87,404	169 $78,124	1			
45-49	33 $78,728	199 $74,500	332 $86,402	187 $81,940	226 $83,914	292 $86,228	90 $89,435	27 $83,834		
50-54	28 $64,454	174 $74,626	241 $79,477	201 $82,267	413 $88,032	350 $92,691	213 $104,869	195 $97,905	4	
55-59	19	110 $68,183	228 $70,790	156 $81,601	436 $86,227	395 $93,918	316 $99,392	394 $101,110	189 $97,464	36 $90,532
60-64	8	72 $63,253	124 $64,634	100 $70,531	301 $84,041	312 $88,528	223 $98,593	257 $98,420	198 $103,098	171 $87,247
65-69	1	12	26 $59,407	15	49 $87,953	55 $88,511	34 $87,300	55 $100,722	23 $118,589	36 $92,967
70+		1	3	1	21 $74,979	14	5	7	4	12

N-9,780

Schedule SB Attachment (Form 5500)—June 1, 2018 Plan Year
Parker-Hannifin Consolidated Pension Plan - A
EIN: 34-0451060 PN: 001

Schedule SB, Part V—Statement of Actuarial Assumptions/Methods

Interest Rates	Based on segment rates with a four-month lookback (as of February 2018).
1st Segment Rate	3.92%.
2nd Segment Rate	5.52%.
3rd Segment Rate	6.29%.
Interest Rates for Maximum Tax Purpose	Based on segment rates with a four-month lookback (as of February 2018).
1st Segment Rate	1.84%.
2nd Segment Rate	3.66%.
3rd Segment Rate	4.49%.
Salary Increases	Legacy Consolidated: The merit amount shown in Table 1 plus 1.70%%. Legacy CLARCOR: 4.00%.
Social Security Wage Base Increases	Future wage indices are based on a national wage increase of 3.50% per year.
Social Security COLA Increases	3.00%.
Optional Payment Form Election Percentage	
Legacy Consolidated Plan	
Former Wynn Participants	90% lump sum; 10% life annuity.
Former STI Participants	10 year certain and life for Autoclave benefit; 100% life annuity for all other benefits.
All Others	100% life annuity. 50% joint survivor for RMA and TPS benefits.
Other Participants	66.67% life annuity. 33.33% Joint & Survivor annuity.

For ERISA Requirements	
Optional Payment Form Conversion Interest Rate	7.00% for RMA accounts. 6.00% for profit sharing accounts (prior plan balances). 7.50% for Legacy PECO. 417(e) rates of 1.96%, 3.58%, and 4.35% for Legacy CLARCOR. Same as funding interest rates above for lump sums.
Optional Payment Form Conversion Mortality	The mortality table described in Revenue Ruling 2001-62 for RMA accounts. The UP-1984 Unisex mortality table for profit sharing accounts (prior plan balances). Legacy PECO: 83 GAM Blended Mortality Table (50% male 50% female). Legacy CLARCOR: Current 417(e) table. Current 417(e) table for lump sums.
Retirement Age	
Active Participants	See Tables 2–9.
Future Terminated Vested Participants	Age 62.
Existing Terminated Vested Participants	Age 62. An 8.0% load is applied to Legacy PECO participants to account for early retirement subsidies.
Mortality Rates	
Healthy and Disabled	2018 static mortality table (with new basis adoption deferred to 2019) for annuitants and non-annuitants per §1.430(h)(3)-1(e).
Withdrawal Rates	See Tables 10–12.
Disability Rates	Legacy PECO and CLARCOR: None Others: See Tables 13–14.
Surviving Spouse Benefit	It is assumed that 85% of males and 50% of females have an eligible spouse, and that males are three years older than their spouses.

Benefit and Compensation Limits	Projected benefits and compensation are limited by the current IRC section 415 maximum benefit of $220,000 and the IRC section 401(a)(17) compensation limit of $275,000.
Valuation of Plan Assets	Smoothed fair market value of assets over the current and prior two years, adjusted for contributions, benefit payments, administrative expenses, and expected earnings. The average value of assets calculated in this manner is further limited to not less than 90% nor more than 110% of fair market value. A characteristic of this method is that the expected distribution of the value of plan assets is skewed toward understatement relative to the corresponding market values for expected long-term rates of return in excess of the third segment rate under IRC section 430(h)(2)(C)(iii).
Expected Return on Assets	
2016 Plan Year	6.00% for Legacy PECO. 6.50% for 6 months and 5.50% for 6 months for Legacy CLARCOR. 6.81% for 1 month and 6.65% for 11 months for Legacy Parker.
2017 Plan Year	7.50%, limited to 6.48% for Legacy PECO. 5.50% for 6 months and 6.48% for 6 months for Legacy CLARCOR. 6.65% for 1 month and 6.48% for 11 months for Legacy Parker.
2018 Plan Year	7.00%, limited to 6.29%.
Trust Expenses Included in Target Normal Cost	Prior year’s expenses excluding PBGC premium plus current year’s PBGC premium.
Actuarial Method	Standard unit credit cost method.
Valuation Date	June 1, 2018.

Table 1

Salary Merit Increase Rates—Legacy Consolidated

Age	Rate	Age	Rate
15	5.90%	45	3.15%
16	5.90%	46	3.04%
17	5.90%	47	2.93%
18	5.90%	48	2.82%
19	5.90%	49	2.71%
20	5.90%	50	2.60%
21	5.79%	51	2.49%
22	5.69%	52	2.38%
23	5.57%	53	2.27%
24	5.46%	54	2.16%
25	5.35%	55	2.05%
26	5.24%	56	1.94%
27	5.13%	57	1.83%
28	5.02%	58	1.72%
29	4.91%	59	1.61%
30	4.80%	60	1.50%
31	4.69%	61	1.39%
32	4.58%	62	1.28%
33	4.47%	63	1.17%
34	4.36%	64	1.06%
35	4.25%	65	0.95%
36	4.14%	66	0.50%
37	4.03%		
38	3.92%		
39	3.81%		
40	3.70%		
41	3.59%		
42	3.48%		
43	3.37%		
44	3.26%		

Table 2

Retirement Rates—Legacy PECO

Age	Rate
55	5.00%
56	5.00%
57	5.00%
58	5.00%
59	5.00%
60	5.00%
61	5.00%
62	10.00%
63	10.00%
64	10.00%
65	100.00%

Table 3

Retirement Rates—Legacy CLARCOR

Age	Rate
55	5.00%
56	5.00%
57	5.00%
58	5.00%
59	5.00%
60	5.00%
61	5.00%
62	10.00%
63	10.00%
64	10.00%
65	30.00%
66	50.00%
67	50.00%
68	50.00%
69	50.00%
70	100.00%

Table 4

Retirement Rates—Retirement Plan, Commercial Intertech and Wynn Sub-Plans 050, 138, 147, and 184

Age	Rate
55	6.00%
56	6.00%
57	6.00%
58	7.00%
59	9.00%
60	9.00%
61	14.00%
62	24.00%
63	19.00%
64	29.00%
65	30.00%
66	30.00%
67	30.00%
68	30.00%
69	30.00%
70+	100.00%

Table 5

Retirement Rates—Greenville Sub-Plan 126

Age	Rate
55	20.00%
56	20.00%
57	20.00%
58	20.00%
59	20.00%
60	35.00%
61	35.00%
62	45.00%
63	40.00%
64	30.00%
65+	100.00%

Table 6

Retirement Rates—NWL Retirement Plan
Sub-Plan 129

	Years of Service	
Age	**0–29**	**30+**
55	17.00%	5.00%
56	17.00%	5.00%
57	17.00%	10.00%
58	18.00%	10.00%
59	20.00%	10.00%
60	20.00%	15.00%
61	25.00%	20.00%
62	20.00%	40.00%
63	15.00%	40.00%
64	25.00%	40.00%
65	50.00%	100.00%
66	50.00%	100.00%
67	50.00%	100.00%
68	50.00%	100.00%
69	50.00%	100.00%
70+	100.00%	100.00%

Table 7

Retirement Rates—Hourly Plans With Age 55 Retirement Eligibility
Sub-Plans 001,104,116,117,148,149,150 and 151

Age	Rate
55	7.00%
56	7.00%
57	7.00%
58	8.00%
59	10.00%
60	10.00%
61	15.00%
62	25.00%
63	20.00%
64	30.00%
65	50.00%
66	50.00%
67	50.00%
68	50.00%
69	50.00%
70+	100.00%

Table 8

Retirement Rates—Hourly Plans With Age 60 Retirement Eligibility
Sub-Plans 011,139,158 and 161

Age	Rate
60	10.00%
61	15.00%
62	25.00%
63	20.00%
64	30.00%
65	50.00%
66	50.00%
67	50.00%
68	50.00%
69	50.00%
70+	100.00%

Table 9

Retirement Rates—Gresen and Former Snap-tite Participants
Sub-Plans 140, 188, 189, and 190

Age	Rate
55	0.00%
56	0.00%
57	0.00%
58	0.00%
59	0.00%
60	0.00%
61	0.00%
62	25.00%
63	25.00%
64	25.00%
65+	100.00%

Table 10

Withdrawal Rates—Legacy PECO

Age	Rate	Age	Rate
15	9.00%	40	5.00%
16	9.00%	41	4.80%
17	9.00%	42	4.60%
18	9.00%	43	4.40%
19	9.00%	44	4.20%
20	9.00%	45	4.00%
21	8.80%	46	3.80%
22	8.60%	47	3.60%
23	8.40%	48	3.40%
24	8.20%	49	3.20%
25	8.00%	50	3.00%
26	7.80%	51	2.80%
27	7.60%	52	2.60%
28	7.40%	53	2.40%
29	7.20%	54	2.20%
30	7.00%	55	2.00%
31	6.80%	56	1.80%
32	6.60%	57	1.60%
33	6.40%	58	1.40%
34	6.20%	59	1.20%
35	6.00%	60+	0.00%
36	5.80%		
37	5.60%		
38	5.40%		
39	5.20%		

Table 11

Withdrawal Rates—Legacy CLARCOR

Age	Rate	Age	Rate
15	9.00%	45	4.00%
16	9.00%	46	3.80%
17	9.00%	47	3.60%
18	9.00%	48	3.40%
19	9.00%	49	3.20%
20	9.00%	50	3.00%
21	8.80%	51	2.80%
22	8.60%	52	2.60%
23	8.40%	53	2.40%
24	8.20%	54	2.20%
25	8.00%	55	2.00%
26	7.80%	56	1.60%
27	7.60%	57	1.20%
28	7.40%	58	0.80%
29	7.20%	59	0.40%
30	7.00%	60+	0.00%
31	6.80%		
32	6.60%		
33	6.40%		
34	6.20%		
35	6.00%		
36	5.80%		
37	5.60%		
38	5.40%		
39	5.20%		
40	5.00%		
41	4.80%		
42	4.60%		
43	4.40%		
44	4.20%		

Table 12—Page 1 of 2

Withdrawal Rates—Legacy Consolidated Plan

	Years of Service					
Age	**0**	**1**	**2**	**3**	**4**	**5+**
20	37.50%	31.25%	25.00%	20.88%	16.63%	12.50%
21	37.50%	31.25%	25.00%	20.88%	16.63%	12.50%
22	37.50%	31.25%	25.00%	20.88%	16.63%	12.50%
23	37.50%	31.25%	25.00%	20.88%	16.63%	12.50%
24	37.50%	31.25%	25.00%	20.88%	16.63%	12.50%
25	33.00%	27.50%	22.00%	18.38%	14.63%	11.00%
26	33.00%	27.50%	22.00%	18.38%	14.63%	11.00%
27	33.00%	27.50%	22.00%	18.38%	14.63%	11.00%
28	33.00%	27.50%	22.00%	18.38%	14.63%	11.00%
29	33.00%	27.50%	22.00%	18.38%	14.63%	11.00%
30	28.13%	23.50%	18.75%	15.63%	12.50%	9.38%
31	28.13%	23.50%	18.75%	15.63%	12.50%	9.38%
32	28.13%	23.50%	18.75%	15.63%	12.50%	9.38%
33	28.13%	23.50%	18.75%	15.63%	12.50%	9.38%
34	28.13%	23.50%	18.75%	15.63%	12.50%	9.38%
35	23.63%	19.75%	15.75%	13.13%	10.50%	7.88%
36	23.63%	19.75%	15.75%	13.13%	10.50%	7.88%
37	23.63%	19.75%	15.75%	13.13%	10.50%	7.88%
38	23.63%	19.75%	15.75%	13.13%	10.50%	7.88%
39	23.63%	19.75%	15.75%	13.13%	10.50%	7.88%
40	18.75%	15.63%	12.50%	10.38%	8.38%	6.25%
41	18.75%	15.63%	12.50%	10.38%	8.38%	6.25%
42	18.75%	15.63%	12.50%	10.38%	8.38%	6.25%
43	18.75%	15.63%	12.50%	10.38%	8.38%	6.25%
44	18.75%	15.63%	12.50%	10.38%	8.38%	6.25%
45	16.88%	14.13%	11.25%	9.38%	7.50%	5.63%
46	16.88%	14.13%	11.25%	9.38%	7.50%	5.63%
47	16.88%	14.13%	11.25%	9.38%	7.50%	5.63%
48	16.88%	14.13%	11.25%	9.38%	7.50%	5.63%
49	16.88%	14.13%	11.25%	9.38%	7.50%	5.63%

Table 12—Page 2 of 2

Withdrawal Rates—Legacy Consolidated Plan

	Years of Service					
Age	**0**	**1**	**2**	**3**	**4**	**5+**
50	15.00%	12.50%	10.00%	8.38%	6.63%	5.00%
51	15.00%	12.50%	10.00%	8.38%	6.63%	5.00%
52	15.00%	12.50%	10.00%	8.38%	6.63%	5.00%
53	15.00%	12.50%	10.00%	8.38%	6.63%	5.00%
54	15.00%	12.50%	10.00%	8.38%	6.63%	5.00%
55	15.00%	12.50%	10.00%	8.38%	6.63%	5.00%
56	15.00%	12.50%	10.00%	8.38%	6.63%	5.00%
57	15.00%	12.50%	10.00%	8.38%	6.63%	5.00%
58	15.00%	12.50%	10.00%	8.38%	6.63%	5.00%
59	15.00%	12.50%	10.00%	8.38%	6.63%	5.00%
60+	15.00%	12.50%	10.00%	8.38%	6.63%	5.00%

Table 13

Disability Rates—Hourly and Former Snap-tite Participants

Age	Male	Female	Age	Male	Female
15	0.044%	0.039%	45	0.505%	0.522%
16	0.047%	0.042%	46	0.556%	0.570%
17	0.051%	0.045%	47	0.616%	0.628%
18	0.055%	0.048%	48	0.682%	0.695%
19	0.059%	0.051%	49	0.751%	0.770%
20	0.064%	0.055%	50	0.830%	0.854%
21	0.069%	0.060%	51	0.922%	0.947%
22	0.074%	0.066%	52	1.033%	1.052%
23	0.080%	0.074%	53	1.170%	1.181%
24	0.086%	0.084%	54	1.330%	1.334%
25	0.093%	0.096%	55	1.502%	1.490%
26	0.100%	0.108%	56	1.674%	1.630%
27	0.108%	0.121%	57	1.836%	1.733%
28	0.116%	0.135%	58	1.984%	1.753%
29	0.125%	0.149%	59	2.126%	1.773%
30	0.134%	0.165%	60	2.266%	1.793%
31	0.145%	0.181%	61	2.408%	1.813%
32	0.157%	0.198%	62	2.558%	1.833%
33	0.170%	0.215%	63	2.712%	1.903%
34	0.184%	0.234%	64	2.868%	1.992%
35	0.199%	0.252%	65	3.028%	2.095%
36	0.216%	0.272%	66	3.199%	2.207%
37	0.237%	0.293%	67	3.382%	2.322%
38	0.260%	0.314%	68	3.577%	2.441%
39	0.286%	0.335%	69+	3.781%	2.567%
40	0.314%	0.357%			
41	0.345%	0.383%			
42	0.000%	0.000%			
43	0.419%	0.447%			
44	0.460%	0.482%			

Table 14

Disability Rates—Salaried and Wynn Participants

Age	Male	Female	Age	Male	Female
15	0.021%	0.023%	45	0.202%	0.323%
16	0.023%	0.025%	46	0.226%	0.354%
17	0.024%	0.026%	47	0.255%	0.391%
18	0.025%	0.027%	48	0.286%	0.434%
19	0.027%	0.029%	49	0.320%	0.480%
20	0.029%	0.030%	50	0.358%	0.533%
21	0.030%	0.032%	51	0.405%	0.592%
22	0.032%	0.035%	52	0.465%	0.660%
23	0.034%	0.038%	53	0.539%	0.745%
24	0.036%	0.042%	54	0.626%	0.847%
25	0.038%	0.047%	55	0.722%	0.952%
26	0.040%	0.052%	56	0.822%	1.045%
27	0.042%	0.058%	57	0.924%	1.115%
28	0.044%	0.065%	58	1.030%	1.130%
29	0.046%	0.072%	59	1.141%	1.144%
30	0.048%	0.080%	60	1.256%	1.159%
31	0.050%	0.089%	61	1.368%	1.173%
32	0.054%	0.099%	62	1.475%	1.188%
33	0.058%	0.110%	63	1.572%	1.234%
34	0.064%	0.123%	64	1.663%	1.292%
35	0.069%	0.136%	65	1.753%	1.358%
36	0.077%	0.150%	66	1.846%	1.430%
37	0.085%	0.165%	67	1.950%	1.505%
38	0.095%	0.180%	68	2.063%	1.582%
39	0.105%	0.195%	69+	2.180%	1.664%
40	0.117%	0.211%			
41	0.131%	0.229%			
42	0.000%	0.000%			
43	0.164%	0.273%			
44	0.182%	0.296%			

Parker-Hannifin Consolidated Pension Plan - A
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(a) Identity of party involved	(b) Description of asset (include interest rate and maturity in case of loan)	(c) Purchase price	(d) Selling price	(e) Lease rental	(f) Expense incurred with transaction	(g) Cost of asset	(h) Current value of assets on transaction date	(i) Net gain or (loss)
Category (i) - Individual transaction in excess of five percent of beginning plan net assets:								
*	EB TEMP INV FD VAR RT 12/31/49 FEE CL 13	$ 200,000,000	$ —			$ —	$200,000,000	$ —
*	EB TEMP INV FD VAR RT 12/31/49 FEE CL 13	295,674,517	—			—	295,674,517	—
*	COMMIT TO PUR FNMA SF MTG 2.500% 02/01/2048 DD 02/01/18	—	295,674,517			295,674,517	295,674,517	—
	BLACKROCK LONG TERM CREDIT BD INDX FD		407,094,738			317,101,163	407,094,738	89,993,575
	FRANKLIN TEMPLETON GLOBAL MULTISECTOR PLUS TRUST	—	154,427,007.1			138,825,357	154,427,007	15,601,650
*	AGT HIGH YIELD BOND PARTICIPANT CUSIP	222,000,000	—			—	222,000,000	—
*	AON GLOBAL EQUITY PARTICIPANT CUSIP	310,000,000	—			—	310,000,000	—
	SSGA GLOBAL EQUITY EX USA INDEX NL SF (ZVQN4)	157,000,000	—			—	157,000,000	—
	SSGA GLOBAL EQUITY EX USA INDEX NL SF (ZVQN4)	153,000,000	—			—	153,000,000	—
Category (iii) - Series of individual transaction in excess of five percent of beginning plan net assets:								
	COMMIT TO PUR FNMA SF MTG 4.500% 05/01/2049 DD 05/01/19	159,534,113	—			—	159,534,113	—
	COMMIT TO PUR FNMA SF MTG 4.500% 05/01/2049 DD 05/01/19	—	159,758,508			159,534,113	159,758,508	224,395
	COMMIT TO PUR FNMA SF MTG 4.500% 06/01/2049 DD 06/01/19	79,500,391	—			—	79,500,391	—
	COMMIT TO PUR FNMA SF MTG 4.500% 06/01/2049 DD 06/01/19	61,026,406	—			—	61,026,406	—
	COMMIT TO PUR FNMA SF MTG 4.500% 06/01/2049 DD 06/01/19	—	79,742,285			79,500,391	79,742,285	241,894
	COMMIT TO PUR FNMA SF MTG 4.500% 06/01/2049 DD 06/01/19	—	61,026,406			61,026,406	61,026,406	—
	FEDERAL NATL MTG ASSN STRIP 0.000% 05/15/2030 DD 05/05/00	—	81,067,688			81,069,401	81,067,688	(1,713)
	FEDERAL NATL MTG ASSN STRIP 0.000% 05/15/2030 DD 05/05/00	81,088,728	—			—	81,088,728	—
	PIMCO FDS SHORT TERM FLTG NAV PORT II	300,000	—			—	300,000	—
	PIMCO FDS SHORT TERM FLTG NAV PORT II	—	146,300,000			146,300,637	146,300,000	(637)
	PIMCO FDS SHORT TERM FLTG NAV PORT II	139,032,637	—			—	139,032,637	—
	U S TREASURY BOND 4.500% 05/15/2038 DD 05/15/08	4,663,249	—			—	4,663,249	—
	U S TREASURY BOND 4.500% 05/15/2038 DD 05/15/08	83,031,653	—			—	83,031,653	—
	U S TREASURY BOND 4.500% 05/15/2038 DD 05/15/08	—	87,750,000			87,374,575	87,750,000	375,425
	U S TREASURY BOND 4.375% 05/15/2040 DD 05/15/10	274,807,967	—			—	274,807,967	—
	U S TREASURY BOND 4.375% 05/15/2040 DD 05/15/10	—	275,150,721			274,106,504	275,150,721	1,044,217
	U S TREASURY BOND 4.250% 11/15/2040 DD 11/15/10	19,300,780	—			—	19,300,780	—
	U S TREASURY BOND 4.250% 11/15/2040 DD 11/15/10	241,246,491	—			—	241,246,491	—
	U S TREASURY BOND 4.250% 11/15/2040 DD 11/15/10	—	260,028,313			258,624,018	260,028,313	1,404,295

U S TREASURY BOND 4.375% 05/15/2041 DD 05/15/11	11,721,097	—	—	11,721,097	—
U S TREASURY BOND 4.375% 05/15/2041 DD 05/15/11	71,092,708	—	—	71,092,708	—
U S TREASURY BOND 4.375% 05/15/2041 DD 05/15/11	—	75,904,966	75,509,266	75,904,966	395,700
U S TREASURY BOND 3.000% 05/15/2042 DD 05/15/12	20,760,394	—	—	20,760,394	—
U S TREASURY BOND 3.000% 05/15/2042 DD 05/15/12	182,706,796	—	—	182,706,796	—
U S TREASURY BOND 3.000% 05/15/2042 DD 05/15/12	—	183,456,250	182,706,796	183,456,250	749,454
U S TREASURY BOND 2.750% 08/15/2042 DD 08/15/12	135,964,164	—	—	135,964,164	—
U S TREASURY BOND 2.750% 08/15/2042 DD 08/15/12	—	143,354,577	143,110,011	143,354,577	244,566
U S TREASURY BOND 3.375% 05/15/2044 DD 05/15/14	25,295,834	—	—	25,295,834	—
U S TREASURY BOND 3.375% 05/15/2044 DD 05/15/14	108,822,636	—	—	108,822,636	—
U S TREASURY BOND 3.375% 05/15/2044 DD 05/15/14	—	109,614,791	108,959,816	109,614,791	654,975
U S TREASURY BOND 3.125% 08/15/2044 DD 08/15/14	46,878,340	—	—	46,878,340	—
U S TREASURY BOND 3.125% 08/15/2044 DD 08/15/14	162,946,038	—	—	162,946,038	—
U S TREASURY BOND 3.125% 08/15/2044 DD 08/15/14	—	164,612,263	162,889,962	164,612,263	1,722,301
U S TREASURY BOND 2.500% 02/15/2045 DD 02/15/15	34,163,891	—	—	34,163,891	—
U S TREASURY BOND 2.500% 02/15/2045 DD 02/15/15	301,879,509	—	—	301,879,509	—
U S TREASURY BOND 2.500% 02/15/2045 DD 02/15/15	—	336,398,291	334,894,579	336,398,291	1,503,712
U S TREASURY NOTE 2.250% 11/15/2027 DD 11/15/17	26,088,175	—	—	26,088,175	—
U S TREASURY NOTE 2.250% 11/15/2027 DD 11/15/17	183,072,854	—	—	183,072,854	—
U S TREASURY NOTE 2.250% 11/15/2027 DD 11/15/17	—	183,310,385	183,072,854	183,310,385	237,531
U S TREASURY NOTE 2.625% 02/15/2029 DD 02/15/19	297,061,533	—	—	297,061,533	—
U S TREASURY NOTE 2.625% 02/15/2029 DD 02/15/19	—	294,127,143	293,926,542	294,127,143	200,601
U S TREASURY NOTE 1.125% 02/28/2021 DD 02/29/16	7,279,221	—	—	7,279,221	—
U S TREASURY NOTE 1.125% 02/28/2021 DD 02/29/16	85,688,292	—	—	85,688,292	—
U S TREASURY NOTE 1.125% 02/28/2021 DD 02/29/16	—	85,717,188	85,688,292	85,717,188	28,896
U S TREASURY NOTE 1.375% 05/31/2021 DD 05/31/16	6,808,310	—	—	6,808,310	—
U S TREASURY NOTE 1.375% 05/31/2021 DD 05/31/16	84,868,939	—	—	84,868,939	—
U S TREASURY NOTE 1.375% 05/31/2021 DD 05/31/16	—	84,903,281	84,873,488	84,903,281	29,793
US TREAS-CPI INFLAT 0.750% 07/15/2028 DD 07/15/18	96,311,382	—	—	96,311,382	—
US TREAS-CPI INFLAT 0.750% 07/15/2028 DD 07/15/18	—	91,698,518	91,626,242	91,698,518	72,276
U S TREASURY BD CPN STRIP 0.000% 11/15/2036 DD 08/15/07	104,319,211	—	—	104,319,211	—
U S TREASURY BD CPN STRIP 0.000% 11/15/2036 DD 08/15/07	—	104,175,406	103,895,622	104,175,406	279,784

Parker-Hannifin Consolidated Pension Plan - A
Schedule H, Line 4(j) – Schedule of Reportable Transactions
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*	EB TEMP INV FD VAR RT 12/31/49 FEE CL 13	1,264,026,713	—	—	1,264,026,713	—
*	EB TEMP INV FD VAR RT 12/31/49 FEE CL 13	—	1,173,786,142	1,173,786,142	1,173,786,142	—
	BLACKROCK LONG TERM CREDIT BD INDX FD	105,000,000	—	—	105,000,000	—
	BLACKROCK LONG TERM CREDIT BD INDX FD	—	417,076,077	324,876,116	417,076,077	92,199,961
	FRANKLIN TEMPLETON GLOBAL MULTISECTOR PLUS TRUST	—	154,560,246	138,944,966	154,560,246	15,615,280
	JPMCB EMERGING MARKETS EQUITY FOCUSED FUND	17,500,000	—	—	17,500,000	—
	JPMCB EMERGING MARKETS EQUITY FOCUSED FUND	—	137,230,087	86,939,493	137,230,087	50,290,594
*	AGT HIGH YIELD BOND PARTICIPANT CUSIP	222,000,000	—	—	222,000,000	—
*	AON GLOBAL EQUITY PARTICIPANT CUSIP	381,185,737	—	—	381,185,737	—
*	S&P 500 (R) INDX NL SF CL A (CMM3) (AONPHMT - CMM3)	202,712,516	—	—	202,712,516	—
*	S&P 500 (R) INDX NL SF CL A (CMM3) (AONPHMT - CMM3)	—	10,000,501	9,832,586	10,000,501	167,915
	SSGA GLOBAL EQUITY EX USA INDEX NL SF (ZVQN4)	309,818,178	—	—	309,818,178	—
	*** Denotes Party-in-Interest**					

SCHEDULE SB (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Single-Employer Defined Benefit Plan Actuarial Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).

▶ File as an attachment to Form 5500 or 5500-SF.

OMB No. 1210-0110

2018

This Form is Open to Public Inspection

For calendar plan year 2018 or fiscal plan year beginning 06/01/2018 and ending 05/31/2019

▶ **Round off amounts to nearest dollar.**

▶ **Caution:** A penalty of $1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan
PARKER-HANNIFIN CONSOLIDATED PENSION PLAN - A

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF
PARKER HANNIFIN FILTRATION (US), INC.

D Employer Identification Number (EIN)
26-1200603

E Type of plan: [X] Single [ ] Multiple-A [ ] Multiple-B

F Prior year plan size: [ ] 100 or fewer [ ] 101-500 [X] More than 500

Part I Basic Information

1 Enter the valuation date: Month 06 Day 01 Year 2018

2 Assets:

a Market value	**2a**	3,152,332,173
b Actuarial value	**2b**	3,082,108,849

3 Funding target/participant count breakdown

	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a For retired participants and beneficiaries receiving payment	18,745	1,625,233,226	1,625,233,226
b For terminated vested participants	6,410	278,525,001	278,525,001
c For active participants	9,780	852,861,387	882,767,630
d Total	34,935	2,756,619,614	2,786,525,857

4 If the plan is in at-risk status, check the box and complete lines (a) and (b) [ ]

a Funding target disregarding prescribed at-risk assumptions	**4a**	
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	**4b**	
5 Effective interest rate	**5**	5.66%
6 Target normal cost	**6**	50,418,370

Statement by Enrolled Actuary

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE GREGORY H. REYNOLDS GHR — 02/21/2020

Signature of actuary — Date

GREGORY H. REYNOLDS — 1706401

Type or print name of actuary — Most recent enrollment number

AON CONSULTING, INC. — 216-573-9700

Firm name — Telephone number (including area code)

5005 ROCKSIDE ROAD

INDEPENDENCE OH 44131

Address of the firm

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions [ ]

Part II Beginning of Year Carryover and Prefunding Balances

		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	309,447,504
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	67,079,074
9	Amount remaining (line 7 minus line 8)	0	242,368,430
10	Interest on line 9 using prior year's actual return of 7.34%	0	16,262,922
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year)		185,517,143
	b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of 5.84%		7,291,995
	b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		4,498,859
	c Total available at beginning of current plan year to add to prefunding balance		197,307,997
	d Portion of (c) to be added to prefunding balance		109,000,000
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	367,631,352

Part III Funding Percentages

14	Funding target attainment percentage	14	97.41%
15	Adjusted funding target attainment percentage	15	110.61%
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	122.50%
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage.	17	%

Part IV Contributions and Liquidity Shortfalls

18 Contributions made to the plan for the plan year by employer(s) and employees:

(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
			Totals ▶ 18(b)	0	18(c) 0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:

a Contributions allocated toward unpaid minimum required contributions from prior years	19a	0
b Contributions made to avoid restrictions adjusted to valuation date	19b	0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	0

20 Quarterly contributions and liquidity shortfalls:

a Did the plan have a "funding shortfall" for the prior year? [X] Yes [ ] No

b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? [X] Yes [ ] No

c If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year

(1) 1st	(2) 2nd	(3) 3rd	(4) 4th
0	0	0	0

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:

a Segment rates:

1st segment:	2nd segment:	3rd segment:	☐ N/A, full yield curve used
3.92 %	5.52 %	6.29%	

b Applicable month (enter code) — **21b**: 4

22 Weighted average retirement age — **22**: 62

23 Mortality table(s) (see instructions)

Prior regulation: ☐ Prescribed - combined ☒ Prescribed - separate ☐ Substitute

Current regulation: ☐ Prescribed - combined ☐ Prescribed - separate ☐ Substitute

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment. ☒ Yes ☐ No

25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment. ☒ Yes ☐ No

26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment. ☒ Yes ☐ No

27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment	**27**	

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	**28**	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	**29**	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	**30**	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):

a Target normal cost (line 6)	**31a**	50,418,370
b Excess assets, if applicable, but not greater than line 31a	**31b**	0

32 Amortization installments:

	Outstanding Balance	Installment
a Net shortfall amortization installment	72,048,360	15,509,867
b Waiver amortization installment	0	0

33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	**33**	
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)	**34**	65,928,237

	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement	0	65,928,237	65,928,237

36 Additional cash requirement (line 34 minus line 35)	**36**	0
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	**37**	0
38 Present value of excess contributions for current year (see instructions)		
a Total (excess, if any, of line 37 over line 36)	**38a**	0
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	**38b**	0
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	**39**	0
40 Unpaid minimum required contributions for all years	**40**	0

Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)

41 If an election was made to use PRA 2010 funding relief for this plan:

a Schedule elected ☐ 2 plus 7 years ☐ 15 years

b Eligible plan year(s) for which the election in line 41a was made ☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011

Schedule SB Attachment (Form 5500)—June 1, 2018 Plan Year
Parker-Hannifin Consolidated Pension Plan - A
EIN: 34-0451060 PN: 001

Schedule SB, line 15—Reconciliation of Differences Between Valuation Results and Amounts Used to Calculate AFTAP

The AFTAP reported on Line 15 (110.61%) was issued February 28, 2019. Results were later revised to reflect the final method approved by the IRS on May 29, 2019 for the value of plan assets. Recertification was not required because the change was immaterial. The inputs used are outlined below:

	2/28/2019 Certification	Final Valuation Results
Funding Target	$ 2,786,525,857	$ 2,786,525,857
Value of Plan Assets	$ 3,082,192,242	$ 3,082,108,849
Applicable Funding Standard Carryover Balance	$ 0	$ 0
Applicable Prefunding Balance	$ 0	$ 0
Annuities Purchased for Non-Highly Compensated Employees	$ 0	$ 0
Security Posted	$ 0	$ 0
AFTAP	110.61%	110.60%

Schedule SB Attachment (Form 5500)—June 1, 2018 Plan Year
Parker-Hannifin Consolidated Pension Plan - A
EIN: 34-0451060 PN: 001

Schedule SB, line 22—Description of Weighted Average Retirement Age

The average retirement age shown in line 22 has been calculated by assuming the following retirement rates and no decrements other than retirement for this calculation. All retirements are assumed to occur at mid-year, except for the 100% retirement age.

PECO Participants

(a) Age	(b) Rate	(c) Weight	(d) Product (a) × (b) × (c)
55.5	5.00%	1.0000	2.78
56.5	5.00%	0.9500	2.68
57.5	5.00%	0.9025	2.59
58.5	5.00%	0.8574	2.51
59.5	5.00%	0.8145	2.42
60.5	5.00%	0.7738	2.34
61.5	5.00%	0.7351	2.26
62.5	10.00%	0.6983	4.36
63.5	10.00%	0.6285	3.99
64.5	10.00%	0.5657	3.65
65	100.00%	0.5091	33.09
		Weighted Average	62.67

CLARCOR Participants

(a) Age	(b) Rate	(c) Weight	(d) Product (a) × (b) × (c)
55.5	5.00%	1.0000	2.78
56.5	5.00%	0.9500	2.68
57.5	5.00%	0.9025	2.59
58.5	5.00%	0.8574	2.51
59.5	5.00%	0.8145	2.42
60.5	5.00%	0.7738	2.34
61.5	5.00%	0.7351	2.26
62.5	10.00%	0.6983	4.36
63.5	10.00%	0.6285	3.99
64.5	10.00%	0.5657	3.65
65.5	30.00%	0.5091	10.00
66.5	50.00%	0.3564	11.85
67.5	50.00%	0.1782	6.01
68.5	50.00%	0.0891	3.05
69.5	50.00%	0.0445	1.55
70	100.00%	0.0223	1.56
		Weighted Average	63.60

Schedule SB Attachment (Form 5500)—June 1, 2018 Plan Year
Parker-Hannifin Consolidated Pension Plan - A
EIN: 34-0451060 PN: 001

Hourly Plans with Age 55 Retirement Eligibility

(a) Age	(b) Rate	(c) Weight	(d) Product (a) × (b) × (c)
55.5	7.00%	1.0000	3.89
56.5	7.00%	0.9300	3.68
57.5	7.00%	0.8649	3.48
58.5	8.00%	0.8044	3.76
59.5	10.00%	0.7400	4.40
60.5	10.00%	0.6660	4.03
61.5	15.00%	0.5994	5.53
62.5	25.00%	0.5095	7.96
63.5	20.00%	0.3821	4.85
64.5	30.00%	0.3057	5.92
65.5	50.00%	0.2140	7.01
66.5	50.00%	0.1070	3.56
67.5	50.00%	0.0535	1.81
68.5	50.00%	0.0267	0.92
69.5	50.00%	0.0134	0.46
70	100.00%	0.0067	0.47
		Weighted Average	61.73

Schedule SB Attachment (Form 5500)—June 1, 2018 Plan Year
Parker-Hannifin Consolidated Pension Plan - A
EIN: 34-0451060 PN: 001

Hourly Plans with Age 60 Retirement Eligibility

(a) Age	(b) Rate	(c) Weight	(d) Product (a) × (b) × (c)
60.5	10.00%	1.0000	6.05
61.5	15.00%	0.9000	8.30
62.5	25.00%	0.7650	11.95
63.5	20.00%	0.5738	7.29
64.5	30.00%	0.4590	8.88
65.5	50.00%	0.3213	10.52
66.5	50.00%	0.1607	5.34
67.5	50.00%	0.0803	2.71
68.5	50.00%	0.0402	1.38
69.5	50.00%	0.0201	0.70
70	100.00%	0.0100	0.70
		Weighted Average	63.82

Greenville

(a) Age	(b) Rate	(c) Weight	(d) Product (a) × (b) × (c)
55.5	20.00%	1.0000	11.10
56.5	20.00%	0.8000	9.04
57.5	20.00%	0.6400	7.36
58.5	20.00%	0.5120	5.99
59.5	20.00%	0.4096	4.87
60.5	35.00%	0.3277	6.94
61.5	35.00%	0.2130	4.58
62.5	45.00%	0.1384	3.89
63.5	40.00%	0.0761	1.93
64.5	30.00%	0.0457	0.88
65	100.00%	0.0320	2.08
		Weighted Average	58.66

Gresen and Former Snap-Tite Participants

(a) Age	(b) Rate	(c) Weight	(d) Product (a) × (b) × (c)
62.5	25.00%	1.0000	15.63
63.5	25.00%	0.7500	11.91
64.5	25.00%	0.5625	9.07
65	100.00%	0.4219	27.42
		Weighted Average	64.03

Schedule SB Attachment (Form 5500)—June 1, 2018 Plan Year
Parker-Hannifin Consolidated Pension Plan - A
EIN: 34-0451060 PN: 001

NWL Retirement Plan - Less than 30 Years of Service

(a) Age	(b) Rate	(c) Weight	(d) Product (a) × (b) × (c)
55.5	17.00%	1.0000	9.44
56.5	17.00%	0.8300	7.97
57.5	17.00%	0.6889	6.73
58.5	18.00%	0.5718	6.02
59.5	20.00%	0.4689	5.58
60.5	20.00%	0.3751	4.54
61.5	25.00%	0.3001	4.61
62.5	20.00%	0.2251	2.81
63.5	15.00%	0.1800	1.71
64.5	25.00%	0.1530	2.47
65.5	50.00%	0.1148	3.76
66.5	50.00%	0.0574	1.91
67.5	50.00%	0.0287	0.97
68.5	50.00%	0.0143	0.49
69.5	50.00%	0.0072	0.25
70	100.00%	0.0036	0.25
		Weighted Average	59.51

NWL Retirement Plan - Over 30 Years of Service

(a) Age	(b) Rate	(c) Weight	(d) Product (a) × (b) × (c)
55.5	5.00%	1.0000	2.78
56.5	5.00%	0.9500	2.68
57.5	10.00%	0.9025	5.19
58.5	10.00%	0.8123	4.75
59.5	10.00%	0.7310	4.35
60.5	15.00%	0.6579	5.97
61.5	20.00%	0.5592	6.88
62.5	40.00%	0.4474	11.18
63.5	40.00%	0.2684	6.82
64.5	40.00%	0.1611	4.16
65	100.00%	0.0966	6.28
		Weighted Average	61.04

Schedule SB Attachment (Form 5500)—June 1, 2018 Plan Year
Parker-Hannifin Consolidated Pension Plan - A
EIN: 34-0451060 PN: 001

Retirement Plan, Commercial Intertech and Wynn

(a) Age	(b) Rate	(c) Weight	(d) Product (a) × (b) × (c)
55.5	6.00%	1.0000	3.33
56.5	6.00%	0.9400	3.19
57.5	6.00%	0.8836	3.05
58.5	7.00%	0.8306	3.40
59.5	9.00%	0.7724	4.14
60.5	9.00%	0.7029	3.83
61.5	14.00%	0.6397	5.51
62.5	24.00%	0.5501	8.25
63.5	19.00%	0.4181	5.04
64.5	29.00%	0.3386	6.33
65.5	30.00%	0.2404	4.72
66.5	30.00%	0.1683	3.36
67.5	30.00%	0.1178	2.39
68.5	30.00%	0.0825	1.69
69.5	30.00%	0.0577	1.20
70	100.00%	0.0404	2.83
		Weighted Average	62.26

Retirement Table	Count	Average Retirement Age	Weight
PECO Participants	63	62.67	0.64%
CLARCOR Participants	433	63.60	4.43%
Hourly Plans with Age 55 Retirement Eligibility	4,627	61.73	47.31%
Hourly Plans with Age 60 Retirement Eligibility	334	63.82	3.42%
Greenville	15	58.66	0.15%
Gresen and Former Snap-Tite Plans	274	64.03	2.80%
NWL Retirement Plan - Less than 30 Years of Service	181	59.51	1.85%
NWL Retirement Plan - Over 30 Years of Service	70	61.09	0.72%
Retirement Plan, Commercial Intertech, and Wynn	3,783	62.26	38.68%
	9,780		
		Weighted Average Retirement Age	62.11

Schedule SB Attachment (Form 5500)—June 1, 2018 Plan Year
Parker-Hannifin Consolidated Pension Plan - A
EIN: 34-0451060 PN: 001

Schedule SB, Part V—Statement of Actuarial Assumptions/Methods

Interest Rates	Based on segment rates with a four-month lookback (as of February 2018).
1st Segment Rate	3.92%.
2nd Segment Rate	5.52%.
3rd Segment Rate	6.29%.
Interest Rates for Maximum Tax Purpose	Based on segment rates with a four-month lookback (as of February 2018).
1st Segment Rate	1.84%.
2nd Segment Rate	3.66%.
3rd Segment Rate	4.49%.
Salary Increases	Legacy Consolidated: The merit amount shown in Table 1 plus 1.70%%.
	Legacy CLARCOR: 4.00%.
Social Security Wage Base Increases	Future wage indices are based on a national wage increase of 3.50% per year.
Social Security COLA Increases	3.00%.
Optional Payment Form Election Percentage	
Legacy Consolidated Plan	
Former Wynn Participants	90% lump sum; 10% life annuity.
Former STI Participants	10 year certain and life for Autoclave benefit; 100% life annuity for all other benefits.
All Others	100% life annuity. 50% joint survivor for RMA and TPS benefits.
Other Participants	66.67% life annuity. 33.33% Joint & Survivor annuity.

For ERISA Requirements	
Optional Payment Form Conversion Interest Rate	7.00% for RMA accounts. 6.00% for profit sharing accounts (prior plan balances). 7.50% for Legacy PECO. 417(e) rates of 1.96%, 3.58%, and 4.35% for Legacy CLARCOR. Same as funding interest rates above for lump sums.
Optional Payment Form Conversion Mortality	The mortality table described in Revenue Ruling 2001-62 for RMA accounts. The UP-1984 Unisex mortality table for profit sharing accounts (prior plan balances). Legacy PECO: 83 GAM Blended Mortality Table (50% male 50% female). Legacy CLARCOR: Current 417(e) table. Current 417(e) table for lump sums.
Retirement Age	
Active Participants	See Tables 2–9.
Future Terminated Vested Participants	Age 62.
Existing Terminated Vested Participants	Age 62. An 8.0% load is applied to Legacy PECO participants to account for early retirement subsidies.
Mortality Rates	
Healthy and Disabled	2018 static mortality table (with new basis adoption deferred to 2019) for annuitants and non-annuitants per §1.430(h)(3)-1(e).
Withdrawal Rates	See Tables 10–12.
Disability Rates	Legacy PECO and CLARCOR: None Others: See Tables 13–14.
Surviving Spouse Benefit	It is assumed that 85% of males and 50% of females have an eligible spouse, and that males are three years older than their spouses.

Benefit and Compensation Limits	Projected benefits and compensation are limited by the current IRC section 415 maximum benefit of $220,000 and the IRC section 401(a)(17) compensation limit of $275,000.
Valuation of Plan Assets	Smoothed fair market value of assets over the current and prior two years, adjusted for contributions, benefit payments, administrative expenses, and expected earnings. The average value of assets calculated in this manner is further limited to not less than 90% nor more than 110% of fair market value. A characteristic of this method is that the expected distribution of the value of plan assets is skewed toward understatement relative to the corresponding market values for expected long-term rates of return in excess of the third segment rate under IRC section 430(h)(2)(C)(iii).
Expected Return on Assets	
2016 Plan Year	6.00% for Legacy PECO. 6.50% for 6 months and 5.50% for 6 months for Legacy CLARCOR. 6.81% for 1 month and 6.65% for 11 months for Legacy Parker.
2017 Plan Year	7.50%, limited to 6.48% for Legacy PECO. 5.50% for 6 months and 6.48% for 6 months for Legacy CLARCOR. 6.65% for 1 month and 6.48% for 11 months for Legacy Parker.
2018 Plan Year	7.00%, limited to 6.29%.
Trust Expenses Included in Target Normal Cost	Prior year's expenses excluding PBGC premium plus current year's PBGC premium.
Actuarial Method	Standard unit credit cost method.
Valuation Date	June 1, 2018.

Table 1

Salary Merit Increase Rates—Legacy Consolidated

Age	Rate	Age	Rate
15	5.90%	45	3.15%
16	5.90%	46	3.04%
17	5.90%	47	2.93%
18	5.90%	48	2.82%
19	5.90%	49	2.71%
20	5.90%	50	2.60%
21	5.79%	51	2.49%
22	5.69%	52	2.38%
23	5.57%	53	2.27%
24	5.46%	54	2.16%
25	5.35%	55	2.05%
26	5.24%	56	1.94%
27	5.13%	57	1.83%
28	5.02%	58	1.72%
29	4.91%	59	1.61%
30	4.80%	60	1.50%
31	4.69%	61	1.39%
32	4.58%	62	1.28%
33	4.47%	63	1.17%
34	4.36%	64	1.06%
35	4.25%	65	0.95%
36	4.14%	66	0.50%
37	4.03%		
38	3.92%		
39	3.81%		
40	3.70%		
41	3.59%		
42	3.48%		
43	3.37%		
44	3.26%		

Table 2

Retirement Rates—Legacy PECO

Age	Rate
55	5.00%
56	5.00%
57	5.00%
58	5.00%
59	5.00%
60	5.00%
61	5.00%
62	10.00%
63	10.00%
64	10.00%
65	100.00%

Table 3

Retirement Rates—Legacy CLARCOR

Age	Rate
55	5.00%
56	5.00%
57	5.00%
58	5.00%
59	5.00%
60	5.00%
61	5.00%
62	10.00%
63	10.00%
64	10.00%
65	30.00%
66	50.00%
67	50.00%
68	50.00%
69	50.00%
70	100.00%

Table 4

Retirement Rates—Retirement Plan, Commercial Intertech and Wynn Sub-Plans 050, 138, 147, and 184

Age	Rate
55	6.00%
56	6.00%
57	6.00%
58	7.00%
59	9.00%
60	9.00%
61	14.00%
62	24.00%
63	19.00%
64	29.00%
65	30.00%
66	30.00%
67	30.00%
68	30.00%
69	30.00%
70+	100.00%

Table 5

Retirement Rates—Greenville Sub-Plan 126

Age	Rate
55	20.00%
56	20.00%
57	20.00%
58	20.00%
59	20.00%
60	35.00%
61	35.00%
62	45.00%
63	40.00%
64	30.00%
65+	100.00%

Table 6

Retirement Rates—NWL Retirement Plan
Sub-Plan 129

	Years of Service	
Age	0–29	30+
55	17.00%	5.00%
56	17.00%	5.00%
57	17.00%	10.00%
58	18.00%	10.00%
59	20.00%	10.00%
60	20.00%	15.00%
61	25.00%	20.00%
62	20.00%	40.00%
63	15.00%	40.00%
64	25.00%	40.00%
65	50.00%	100.00%
66	50.00%	100.00%
67	50.00%	100.00%
68	50.00%	100.00%
69	50.00%	100.00%
70+	100.00%	100.00%

Table 7

Retirement Rates—Hourly Plans With Age 55 Retirement Eligibility
Sub-Plans 001,104,116,117,148,149,150 and 151

Age	Rate
55	7.00%
56	7.00%
57	7.00%
58	8.00%
59	10.00%
60	10.00%
61	15.00%
62	25.00%
63	20.00%
64	30.00%
65	50.00%
66	50.00%
67	50.00%
68	50.00%
69	50.00%
70+	100.00%

Table 8

Retirement Rates—Hourly Plans With Age 60 Retirement Eligibility
Sub-Plans 011,139,158 and 161

Age	Rate
60	10.00%
61	15.00%
62	25.00%
63	20.00%
64	30.00%
65	50.00%
66	50.00%
67	50.00%
68	50.00%
69	50.00%
70+	100.00%

Table 9

Retirement Rates—Gresen and Former Snap-tite Participants
Sub-Plans 140, 188, 189, and 190

Age	Rate
55	0.00%
56	0.00%
57	0.00%
58	0.00%
59	0.00%
60	0.00%
61	0.00%
62	25.00%
63	25.00%
64	25.00%
65+	100.00%

Table 10

Withdrawal Rates—Legacy PECO

Age	Rate	Age	Rate
15	9.00%	40	5.00%
16	9.00%	41	4.80%
17	9.00%	42	4.60%
18	9.00%	43	4.40%
19	9.00%	44	4.20%
20	9.00%	45	4.00%
21	8.80%	46	3.80%
22	8.60%	47	3.60%
23	8.40%	48	3.40%
24	8.20%	49	3.20%
25	8.00%	50	3.00%
26	7.80%	51	2.80%
27	7.60%	52	2.60%
28	7.40%	53	2.40%
29	7.20%	54	2.20%
30	7.00%	55	2.00%
31	6.80%	56	1.80%
32	6.60%	57	1.60%
33	6.40%	58	1.40%
34	6.20%	59	1.20%
35	6.00%	60+	0.00%
36	5.80%		
37	5.60%		
38	5.40%		
39	5.20%		

Table 11

Withdrawal Rates—Legacy CLARCOR

Age	Rate	Age	Rate
15	9.00%	45	4.00%
16	9.00%	46	3.80%
17	9.00%	47	3.60%
18	9.00%	48	3.40%
19	9.00%	49	3.20%
20	9.00%	50	3.00%
21	8.80%	51	2.80%
22	8.60%	52	2.60%
23	8.40%	53	2.40%
24	8.20%	54	2.20%
25	8.00%	55	2.00%
26	7.80%	56	1.60%
27	7.60%	57	1.20%
28	7.40%	58	0.80%
29	7.20%	59	0.40%
30	7.00%	60+	0.00%
31	6.80%		
32	6.60%		
33	6.40%		
34	6.20%		
35	6.00%		
36	5.80%		
37	5.60%		
38	5.40%		
39	5.20%		
40	5.00%		
41	4.80%		
42	4.60%		
43	4.40%		
44	4.20%		

Table 12—Page 1 of 2

Withdrawal Rates—Legacy Consolidated Plan

	Years of Service					
Age	0	1	2	3	4	5+
20	37.50%	31.25%	25.00%	20.88%	16.63%	12.50%
21	37.50%	31.25%	25.00%	20.88%	16.63%	12.50%
22	37.50%	31.25%	25.00%	20.88%	16.63%	12.50%
23	37.50%	31.25%	25.00%	20.88%	16.63%	12.50%
24	37.50%	31.25%	25.00%	20.88%	16.63%	12.50%
25	33.00%	27.50%	22.00%	18.38%	14.63%	11.00%
26	33.00%	27.50%	22.00%	18.38%	14.63%	11.00%
27	33.00%	27.50%	22.00%	18.38%	14.63%	11.00%
28	33.00%	27.50%	22.00%	18.38%	14.63%	11.00%
29	33.00%	27.50%	22.00%	18.38%	14.63%	11.00%
30	28.13%	23.50%	18.75%	15.63%	12.50%	9.38%
31	28.13%	23.50%	18.75%	15.63%	12.50%	9.38%
32	28.13%	23.50%	18.75%	15.63%	12.50%	9.38%
33	28.13%	23.50%	18.75%	15.63%	12.50%	9.38%
34	28.13%	23.50%	18.75%	15.63%	12.50%	9.38%
35	23.63%	19.75%	15.75%	13.13%	10.50%	7.88%
36	23.63%	19.75%	15.75%	13.13%	10.50%	7.88%
37	23.63%	19.75%	15.75%	13.13%	10.50%	7.88%
38	23.63%	19.75%	15.75%	13.13%	10.50%	7.88%
39	23.63%	19.75%	15.75%	13.13%	10.50%	7.88%
40	18.75%	15.63%	12.50%	10.38%	8.38%	6.25%
41	18.75%	15.63%	12.50%	10.38%	8.38%	6.25%
42	18.75%	15.63%	12.50%	10.38%	8.38%	6.25%
43	18.75%	15.63%	12.50%	10.38%	8.38%	6.25%
44	18.75%	15.63%	12.50%	10.38%	8.38%	6.25%
45	16.88%	14.13%	11.25%	9.38%	7.50%	5.63%
46	16.88%	14.13%	11.25%	9.38%	7.50%	5.63%
47	16.88%	14.13%	11.25%	9.38%	7.50%	5.63%
48	16.88%	14.13%	11.25%	9.38%	7.50%	5.63%
49	16.88%	14.13%	11.25%	9.38%	7.50%	5.63%

Table 12—Page 2 of 2

Withdrawal Rates—Legacy Consolidated Plan

	Years of Service					
Age	**0**	**1**	**2**	**3**	**4**	**5+**
50	15.00%	12.50%	10.00%	8.38%	6.63%	5.00%
51	15.00%	12.50%	10.00%	8.38%	6.63%	5.00%
52	15.00%	12.50%	10.00%	8.38%	6.63%	5.00%
53	15.00%	12.50%	10.00%	8.38%	6.63%	5.00%
54	15.00%	12.50%	10.00%	8.38%	6.63%	5.00%
55	15.00%	12.50%	10.00%	8.38%	6.63%	5.00%
56	15.00%	12.50%	10.00%	8.38%	6.63%	5.00%
57	15.00%	12.50%	10.00%	8.38%	6.63%	5.00%
58	15.00%	12.50%	10.00%	8.38%	6.63%	5.00%
59	15.00%	12.50%	10.00%	8.38%	6.63%	5.00%
60+	15.00%	12.50%	10.00%	8.38%	6.63%	5.00%

Table 13

Disability Rates—Hourly and Former Snap-tite Participants

Age	Male	Female	Age	Male	Female
15	0.044%	0.039%	45	0.505%	0.522%
16	0.047%	0.042%	46	0.556%	0.570%
17	0.051%	0.045%	47	0.616%	0.628%
18	0.055%	0.048%	48	0.682%	0.695%
19	0.059%	0.051%	49	0.751%	0.770%
20	0.064%	0.055%	50	0.830%	0.854%
21	0.069%	0.060%	51	0.922%	0.947%
22	0.074%	0.066%	52	1.033%	1.052%
23	0.080%	0.074%	53	1.170%	1.181%
24	0.086%	0.084%	54	1.330%	1.334%
25	0.093%	0.096%	55	1.502%	1.490%
26	0.100%	0.108%	56	1.674%	1.630%
27	0.108%	0.121%	57	1.836%	1.733%
28	0.116%	0.135%	58	1.984%	1.753%
29	0.125%	0.149%	59	2.126%	1.773%
30	0.134%	0.165%	60	2.266%	1.793%
31	0.145%	0.181%	61	2.408%	1.813%
32	0.157%	0.198%	62	2.558%	1.833%
33	0.170%	0.215%	63	2.712%	1.903%
34	0.184%	0.234%	64	2.868%	1.992%
35	0.199%	0.252%	65	3.028%	2.095%
36	0.216%	0.272%	66	3.199%	2.207%
37	0.237%	0.293%	67	3.382%	2.322%
38	0.260%	0.314%	68	3.577%	2.441%
39	0.286%	0.335%	69+	3.781%	2.567%
40	0.314%	0.357%			
41	0.345%	0.383%			
42	0.000%	0.000%			
43	0.419%	0.447%			
44	0.460%	0.482%			

Table 14

Disability Rates—Salaried and Wynn Participants

Age	Male	Female	Age	Male	Female
15	0.021%	0.023%	45	0.202%	0.323%
16	0.023%	0.025%	46	0.226%	0.354%
17	0.024%	0.026%	47	0.255%	0.391%
18	0.025%	0.027%	48	0.286%	0.434%
19	0.027%	0.029%	49	0.320%	0.480%
20	0.029%	0.030%	50	0.358%	0.533%
21	0.030%	0.032%	51	0.405%	0.592%
22	0.032%	0.035%	52	0.465%	0.660%
23	0.034%	0.038%	53	0.539%	0.745%
24	0.036%	0.042%	54	0.626%	0.847%
25	0.038%	0.047%	55	0.722%	0.952%
26	0.040%	0.052%	56	0.822%	1.045%
27	0.042%	0.058%	57	0.924%	1.115%
28	0.044%	0.065%	58	1.030%	1.130%
29	0.046%	0.072%	59	1.141%	1.144%
30	0.048%	0.080%	60	1.256%	1.159%
31	0.050%	0.089%	61	1.368%	1.173%
32	0.054%	0.099%	62	1.475%	1.188%
33	0.058%	0.110%	63	1.572%	1.234%
34	0.064%	0.123%	64	1.663%	1.292%
35	0.069%	0.136%	65	1.753%	1.358%
36	0.077%	0.150%	66	1.846%	1.430%
37	0.085%	0.165%	67	1.950%	1.505%
38	0.095%	0.180%	68	2.063%	1.582%
39	0.105%	0.195%	69+	2.180%	1.664%
40	0.117%	0.211%			
41	0.131%	0.229%			
42	0.000%	0.000%			
43	0.164%	0.273%			
44	0.182%	0.296%			

Schedule SB Attachment (Form 5500)—June 1, 2018 Plan Year
Parker-Hannifin Consolidated Pension Plan - A
EIN: 34-0451060 PN: 001

Schedule SB, Part V—Summary of Plan Provisions

Legacy PECO

Effective Date	May 17, 2002. Amended and restated effective December 1, 2011.
Eligibility for Participation	Age 21, completion of one year of service, and not a member of a collective bargaining unit. Effective July 15, 2000, the plan was closed to new entrants.
Plan Year	December 1 to November 30.
Benefit Accrual Status	Frozen.
Normal Retirement	
Eligibility	Age 65.
Benefit	A monthly amount equal to the adjusted frozen accrued benefit determined as of July 15, 2000 under the prior plan document.
Early Retirement	
Eligibility	Age 55 and five years of service.
Benefit	A monthly benefit equal to the normal retirement benefit reduced by 1/240 of 1% for each month the early retirement precedes the normal retirement.
Vested Termination	
Eligibility	Five years of vesting service.
Benefit	The accrued benefit at the date of termination. Reduced payments may begin any time after eligibility for early retirement based on the same reductions as early retirement from active status.
Disability	
Eligibility	As defined in the prior plan document.
Benefit	A single life annuity that is actuarially equivalent to the accrued benefit.

Surviving Spouse	
Eligibility	Five years of vesting service.
Benefit	A single life annuity that is actuarially equivalent to the accrued benefit. Payment can commence at the earliest date the participant would have been eligible to receive early retirement or a deferred vested benefit.
Normal Form of Annuity	
Without Spouse	Ten year certain and life annuity.
With Spouse	50% joint and survivor annuity expressed as the actuarial equivalent of the 10-year certain and life annuity
Optional Forms of Annuity	Single life annuity 5-year certain and life annuity 10-year certain and life annuity 15-year certain and life annuity 50% joint and survivor annuity 75% joint and survivor annuity 100% joint and survivor annuity
Actuarial Equivalence	83 GAM Blended Mortality Table (50% male/50% female) and 7.5% interest rate.
Definitions	
Benefit Service	Accruals were frozen as of July 15, 2000.
Vesting Service	All participants credited with at least one hour of service on or after July 15, 2000 are 100% vested in their accrued benefit.

Changes in Plan Provisions Since the Prior Year

None.

Legacy CLARCOR

Effective Date	December 1, 1997. Amended and restated effective January 1, 2011.
Eligibility for Participation	One year of vesting service and not a member of a collective bargaining unit. Participation was frozen to new entrants effective December 1, 2003.
Plan Year	December 1 to November 30.
Benefit Accrual Status	Partially frozen.
Normal Retirement Eligibility	Age 65.
Benefit	A monthly amount equal to the sum of (1), (2) and (3): (1) The prior plan accrued benefit as of November 30, 1989. (2) For each year of participation beginning December 1, 1989, 1.20% of considered compensation. (3) For each year of participation beginning December 1, 1989, 0.55% of considered compensation in excess of covered compensation. The years of participation are limited to 35 years minus the number of years taken into account to determine the November 30, 1989 accrued benefit. Participants who had not attained age 40 and did not have 10 years or service as of December 31, 2003, or made a one-time election, had their accruals frozen at that time.

Early Retirement

Eligibility

Age 60.

Benefit

A monthly benefit equal to the normal retirement benefit reduced by the following factors:

For benefits accrued after July 31, 1983:

Age	Factor
60	0.6638
61	0.7180
62	0.7779
63	0.8442
64	0.9179
65	1.0000

For benefits accrued prior to August 1, 1983:

Age	Female/Male
60	0.6867/0.6638
61	0.7380/0.7181
62	0.7944/0.7781
63	0.8564/0.8445
64	0.9247/0.9181
65	1.0000/1.0000

Vested Termination

Eligibility

Five years of vesting service.

Benefit

The accrued benefit at the date of termination. Reduced payments may begin any time after eligibility for early retirement based on the same reductions as early retirement from active status.

Disability

Eligibility

Totally and permanently disabled.

Benefit

The accrued benefit based at the date of disability. Reduced payments may begin any time after eligibility for early retirement based on the same reductions as early retirement from active status.

Surviving Spouse

Eligibility

Five years of vesting service.

Benefit

A monthly benefit payable to the surviving spouse beginning at the employee's earliest retirement age equal to 100% of the amount payable if the participant had retired early with a 100% joint and survivor benefit.

Normal Form of Annuity	
Without Spouse	Ten year certain and life annuity.
With Spouse	100% joint and survivor annuity expressed as the actuarial equivalent of the 10-year certain and life annuity.
Optional Forms of Annuity	Single life annuity 10-year certain and life annuity 20-year certain and life annuity 50% joint and survivor annuity 100% joint and survivor annuity 100% joint and survivor annuity with 10 years certain Life annuity with cash refund
Actuarial Equivalence	
Benefits Accrued After July 31, 1983	Unisex Pension 1984 Mortality Table and 4.5% interest.
Benefits Accrued Prior to August 1, 1983	Male 1951 GAM table projected to 1965 and the female 1951 GAM table projected to 1965 and 4.5% interest.
Effective November 30, 2017	Applicable mortality table and interest rate under Section 417(e)3 based on the fourth month preceding the beginning of the calendar year containing the Annuity Starting Date.
Definitions	
Benefit Service	Period from date of participation to date benefit accruals ceased or date of termination or retirement, measured in years and completed days.
Vesting Service	Period from date of hire to date of termination or retirement measured in years and completed days.
Considered Compensation	Total compensation for the plan year excluding reimbursements or other expense allowances, fringe benefits, moving expenses, deferred compensation and amounts realized from the exercise of stock options.
Covered Compensation	Average of taxable wage bases for 35 calendar years ending with year in which participant attains Social Security retirement age.

Appendix A—The Timms Spring Company

Effective Date	There are no active employees of The Timms Spring Company as of the January 1, 2011 restatement.

Appendix B—The Michigan Spring Company

Effective Date	There are no active employees of The Michigan Spring Company as of the January 1, 2011 restatement.

Appendix C—Purolator Products Group (Non-Union Employees)

Effective Date	Appendix effective September 11, 1999.
Eligibility for Participation	Purolator Products Air Filtration Company, Purolator Facet, Inc. Facet USA, Inc. or Purolator CAFCO employees not covered by a collective bargaining unit are eligible to participate on September 11, 1999 (December 10, 1999 for CAFCO). Other eligible employees are eligible to participate after attaining one year or service. Participation is frozen to new entrants effective December 1, 2003.
Benefit Accrual Status	Partially frozen.
Normal Retirement	
Eligibility	Age 65.
Benefit	A monthly amount equal to the sum of (1) and (2): (1) For each year of participation, 1.10% of considered compensation. (2) For each year of participation, 0.50% of considered compensation in excess of covered compensation. The years of participation are limited to 35 years. Participants who had not attained age 40 and did not have 10 years or service as of December 31, 2003, or made a one-time election, had their accruals frozen at that time.
Early Retirement	
Eligibility	Age 55 and 10 years of vesting service.
Benefit	A monthly benefit equal to the normal retirement benefit reduced by1/6 of 1% for each of the first 60 months and 1/3 of 1% for each of the next 60 months that early retirement precedes normal retirement.

Vested Termination

Eligibility: Five years of vesting service.

Benefit: The accrued benefit at the date of termination. Reduced payments may begin any time after attaining age 55 reduced by the following factors:

Age	Factor
55	0.4312
56	0.4648
57	0.5018
58	0.5428
59	0.5883
60	0.6389
61	0.6954
62	0.7586
63	0.8295
64	0.9095
65	1.0000

Disability

Eligibility: Totally and permanently disabled.

Benefit: The accrued benefit based at the date of disability. Reduced payments may begin any time after attaining age 55 based on the same reductions as early retirement from active status.

Surviving Spouse

Eligibility: Five years of vesting service.

Benefit: A monthly benefit payable to the surviving spouse beginning at the employee's earliest retirement age equal to 50% of the amount payable if the participant had retired early with a 50% joint and survivor benefit.

Normal Form of Annuity

Without Spouse: Single life annuity.

With Spouse: 50% joint and survivor annuity.

Optional Forms of Annuity:
Single life annuity
10-year certain and life annuity
20-year certain and life annuity
50% joint and survivor annuity
75% joint and survivor annuity
100% joint and survivor annuity
100% joint and survivor annuity with 10 years certain

Actuarial Equivalence	Unisex Pension 1984 Mortality Table and 4.5% interest rate.
Effective November 30, 2017	Applicable mortality table and interest rate under Section 417(e)3 based on the fourth month preceding the beginning of the calendar year containing the Annuity Starting Date.
Definitions	
Benefit Service	Period from date of participation to date benefit accruals ceased or date of termination or retirement, measured in years and completed days. Participation date is no earlier than the acquisition date.
Vesting Service	Period from date of hire to date of termination or retirement measured in years and completed days. Service prior to the acquisition is included.
Considered Compensation	Total compensation for the plan year excluding reimbursements or other expense allowances, fringe benefits, moving expenses, deferred compensation and amounts realized from the exercise of stock options.
Covered Compensation	Average of taxable wage bases for 35 calendar years ending with year in which participant attains Social Security retirement age.

Appendix D—Purolator Products Air Filtration Company (Union Employees)

Effective Date	Appendix effective September 11, 1999.
Eligibility for Participation	Henderson, N.C. hourly employee of Purolator Products Air Filtration Company covered under a collective bargaining agreement providing participation in the plan.
Benefit Accrual Status	All participants are now inactive.
Normal Retirement	
Eligibility	Age 65.
Benefit	Frozen accrued benefit as of January 31, 2002.
Early Retirement	
Eligibility	Ten years of vesting service with 65 points based on age and supplemental benefit service.
Benefit	A monthly benefit equal to the normal retirement benefit reduced by ¼ of 1% for each month that early retirement precedes normal retirement.
Vested Termination	
Eligibility	Five years of vesting service.
Benefit	The accrued benefit at the date of termination. Reduced payments may begin any time after attaining age 55 reduced by ½ of 1% for each month that early retirement precedes normal retirement.
Disability	
Eligibility	10 years of vesting service and deemed totally and permanently disabled.
Benefit	Benefit service continues to accrue until a benefit is payable to the participant.
Surviving Spouse	
Eligibility	Five years of vesting service.
Benefit	A monthly benefit payable to the surviving spouse beginning at the employee's earliest retirement age equal to 50% of the amount payable if the participant had retired early with a 50% joint and survivor benefit.

Normal Form of Annuity	
Without Spouse	Single life annuity.
With Spouse	50% joint and survivor annuity.
Optional Forms of Annuity	Single life annuity 50% joint and survivor annuity 75% joint and survivor annuity 100% joint and survivor annuity
Actuarial Equivalence	Unisex Pension 1984 Mortality Table and 4.5% interest rate.
Effective November 30, 2017	Applicable mortality table and interest rate under Section 417(e)3 based on the fourth month preceding the beginning of the calendar year containing the Annuity Starting Date.
Definitions	
Benefit Service	Service accrued on or after September 11, 1999.
Supplemental Benefit Service	Vesting service prior to September 11, 1999 plus employer benefit service.

Changes in Plan Provisions Since the Prior Year

None.

Legacy Consolidated Plan

Former Hourly Pension Plan (Sub-Plan 001)

Plan Sponsor	Parker Hannifin Corporation
EIN/PN	34-0451060/001
Effective Date	May 1, 1969, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All hourly, nonbargaining employees at this location will become Plan participants when they are hired.
Service	Years of service and participation are used to determine eligibility for benefits and the amount of such benefits, respectively. Service is credited from date of hire to date of retirement or other termination of employment.

(A) Years of service prior to July 1, 1997

Beginning on the effective date, one year shall be credited for each plan year that the participant has earned 1,000 hours. If less than 1,000 hours, then one-year credit will be granted for each full 170 hours of service.

(B) Years of service after July 1, 1997

One year of service for each 12-month period of employment with prorated service (to the nearest one-tenth) for periods less than a full year.

(C) Years of participation prior to July 1, 1997

Beginning on the effective date, one year shall be credited for each plan year that the participant has earned 1,700 hours. If less than 1,700 hours, then one-year credit will be granted for each full 170 hours of service.

(D) Years of participation after July 1, 1997

One year of participation for each 12-month period of employment with prorated service (to the nearest one-tenth) for periods less than a full year.

Normal Retirement

Eligibility is age 65 and completion of five years of service.

The monthly benefit is the benefit unit below multiplied by the years of participation (to a maximum of the years shown).

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Irvine, CA (Jamboree Blvd.) (00201H, 00203H, 00202H, 00205H)	07-01-76	05-01-77	$ 7.00	35
	05-01-77	05-01-78	8.00	35
	05-01-78	05-01-79	9.00	35
	05-01-79	05-01-80	10.00	35
	05-01-80	05-01-81	11.00	35
	05-01-81	05-01-82	12.00	40
	05-01-82	05-01-84	12.50	40
	05-01-84	05-01-85	13.00	40
	05-01-85	05-01-86	13.50	40
	05-01-86	05-01-87	14.00	40
	05-01-87	05-01-88	14.50	40
	05-01-88	05-01-89	15.00	40
	05-01-89	02-01-91	15.50	40
	02-01-91	06-01-92	16.50	40
	06-01-92	06-01-93	18.00	40
	06-01-93	06-01-94	19.50	40
	06-01-94	07-01-95	20.50	40
	07-01-95	07-01-96	21.50	40
	07-01-96	07-01-97	23.00	40

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Huntsville, AL (006H)				
Huntsville, AL—Plant #2 (349H)	07-01-76	12-01-77	$ 4.00	25
	12-01-77	12-01-78	4.50	25
	12-01-78	12-01-79	5.00	25
	12-03-79	12-01-80	5.50	25
	12-01-80	12-01-81	6.00	25
	12-01-81	12-06-82	7.00	25
	12-06-82	12-05-83	7.50	25
	12-05-83	12-03-84	8.00	25
	12-03-84	12-01-85	8.50	25
	12-01-85	12-01-86	9.00	25
	12-08-86	12-01-87	10.25	30
	12-01-87	12-01-88	11.00	30
	12-01-88	12-01-89	11.75	30
	12-01-89	12-01-90	12.25	30
	12-01-90	12-01-91	13.00	30
	12-01-91	12-01-92	14.00	35
	12-01-92	12-01-93	15.00	35
	12-01-93	12-01-94	16.00	35
	12-01-94	12-01-95	17.00	35
	12-01-95	12-01-96	18.00	35
	12-01-96	12-01-97	19.00	40
	12-01-97	12-01-98	20.00	40
	12-01-98	12-01-99	21.00	40
	12-01-99	12-01-00	22.50	40
	12-01-00	12-01-01	24.00	40
	12-01-01	12-01-02	25.00	40
	12-01-02	06-01-04	27.00	40
	06-01-04	12-01-04	28.00	40
	12-01-04	12-01-05	29.00	40
	12-01-05	12-01-06	30.00	40
	12-01-06	12-01-07	31.50	40
	12-01-07	12-01-08	33.00	40
	12-01-08	07-01-10	34.00	40
	07-01-10	07-01-12	35.00	40
	07-01-12	07-01-14	36.00	40

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Lyons, NY (022H, 023H)	07-01-10		$35.00	40
	07-01-76	12-01-76	6.00	30
	12-01-76	12-01-77	6.50	30
	12-01-77	12-01-79	7.00	30
	12-01-79	12-01-80	7.50	30
	12-01-80	12-01-81	8.00	30
	12-01-81	12-01-82	9.00	30
	12-01-82	12-01-83	9.50	30
	12-01-83	12-01-84	10.00	30
	12-01-84	12-01-85	10.50	30
	12-01-85	12-01-86	11.00	30
	12-01-86	12-01-87	11.50	35
	12-01-87	12-01-88	12.00	35
	12-01-88	12-01-89	12.50	35
	12-01-89	12-01-90	13.00	35
	12-01-90	12-01-91	13.75	35
	12-01-91	12-01-92	14.50	35
	12-01-92	12-01-93	15.25	35
	12-01-93	12-01-94	16.00	35
	12-01-94	12-01-95	16.75	35
	12-01-95	12-01-96	17.50	35
	12-01-96	12-01-97	18.25	35
	12-01-97	12-01-98	19.00	40
	12-01-98	12-01-99	20.00	40
	12-01-99	12-01-01	21.00	40
	12-01-00	12-01-02	22.00	40
	12-01-02	12-01-04	22.50	40
	12-01-04	12-01-06	23.00	40
	12-01-06	Closed	23.50	40
Clyde, NY (028H)	07-01-76	12-01-76	$ 6.00	30
	12-01-76	12-01-77	6.50	30
	12-01-77	12-01-79	7.00	30
	12-01-79	12-01-80	7.50	30
	12-01-80	12-01-81	8.00	30
	12-01-81	12-01-82	9.00	30
	12-01-82	12-01-83	9.50	30
	12-01-83	12-01-84	10.00	30
	12-01-84	12-01-85	10.50	30

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	12-01-85	12-01-86	$11.00	30
	12-01-86	12-01-87	11.50	35
	12-01-87	12-01-88	12.00	35
	12-01-88	12-01-89	12.50	35
	12-01-89	12-01-90	13.00	35
	12-01-90	12-01-91	13.75	35
	12-01-91	12-01-92	14.50	35
	12-01-92	12-01-94	15.25	35
	12-01-94	07-01-95	16.75	35
	07-01-95	07-01-96	17.50	40
	07-01-96	07-01-97	18.25	40
	07-01-97	07-01-98	19.00	40
	07-01-98	07-01-99	20.00	40
	07-01-99	07-01-01	21.00	40
	07-01-00	07-01-01	22.00	40
	07-01-01	07-01-02	23.00	40
	07-01-02	07-01-03	24.00	40
Otsego, MI (017H, 018H, 044H)				
Richland, MI (009H)	07-01-76	04-01-77	$ 6.00	30
	04-01-77	04-01-78	6.50	30
	04-01-78	04-01-79	7.00	30
	04-01-79	04-01-80	7.50	30
	04-01-80	04-01-81	8.50	35
	04-01-81	04-01-82	9.50	35
	04-01-82	04-01-83	10.25	35
	04-01-83	04-01-84	11.00	35
	04-01-84	04-01-85	11.50	35
	04-01-85	04-01-86	12.00	35
	04-01-86	04-01-87	12.50	35
	04-01-87	04-01-88	13.00	35
	04-01-88	04-01-89	13.50	35
	04-01-89	04-01-90	14.00	35
	04-01-90	04-01-91	14.50	35
	04-01-91	04-01-92	15.00	40
	04-01-92	04-01-93	16.00	40
	04-01-93	04-01-94	17.00	40
	04-01-94	04-01-95	18.00	40
	04-01-95	04-01-96	19.00	40

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	04-01-96	04-01-97	$20.00	40
	04-01-97	04-01-98	21.00	40
	04-01-98	04-01-99	22.00	40
	04-01-99	04-01-00	23.00	40
	04-01-00	04-01-01	25.00	40
	04-01-01	04-01-02	26.00	40
	04-01-02	04-01-03	27.00	40
	04-01-03	10-01-04	28.00	40
	10-01-04	04-01-05	29.00	40
	04-01-05	04-01-06	30.00	40
	04-01-06	04-01-07	31.00	40
	04-01-07	04-01-08	32.00	40
	04-01-08	04-01-10	32.50	40
	04-01-10	04-01-11	33.50	40
	04-01-11	04-01-12	34.50	40
	04-01-12	04-01-13	35.50	40
	04-01-13	04-01-14	36.50	40
	04-01-14	04-01-15	37.50	40
	04-01-15	04-01-16	38.50	40
	04-01-16	04-01-17	39.00	40
	04-01-17	04-01-18	39.50	40
Lithia Springs, GA (045H)	07-01-76	08-01-76	$ 3.50	25
	08-01-76	08-01-77	4.50	25
	08-01-77	08-01-78	5.50	25
	08-01-78	08-01-79	6.00	25
	08-01-79	08-01-80	6.50	25
	08-01-80	08-01-81	7.00	25
	08-01-81	08-01-82	7.75	25
	08-01-82	08-01-83	8.50	25
	08-01-83	08-01-84	9.25	25
	08-01-84	08-01-85	9.75	25
	08-01-85	08-01-86	10.50	25
	08-01-86	08-01-87	11.25	25
	08-01-87	08-01-88	12.00	25
	08-01-88	08-01-90	12.75	25
	08-01-90	08-01-91	13.50	25
	08-01-91	08-01-92	14.00	25
	08-01-92	08-01-93	14.50	25
	01-01-93	01-01-94	15.50	25
	08-01-94	08-01-95	16.00	25
	08-01-95	08-01-96	17.00	32

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	08-01-96	08-01-97	$17.75	32
	08-01-97	08-01-99	18.50	32
	08-01-99	08-01-01	19.50	32
	08-01-01	08-01-02	21.75	35
	08-01-02	08-01-04	23.00	35
	02-01-04	08-01-04	24.25	35
	08-01-04	08-01-05	25.25	35
	08-01-05	08-01-07	26.25	35
	08-01-07	08-01-08	27.00	35
	08-01-08	08-01-10	28.00	35
	08-01-10	08-01-11	28.50	35
	08-01-11	08-01-12	29.00	35
	08-01-12	08-01-13	29.50	40
	08-01-13	08-01-14	30.00	40
	08-01-14	08-01-15	30.50	40
	08-01-15	08-01-16	31.00	40
	08-01-16	08-01-17	31.50	40
	08-01-17	08-01-18	32.00	40
	08-01-18	08-01-19	33.00	40
Elyria, OH—Valve (060H)	10-01-76	10-01-77	$ 5.00	35
	10-01-77	10-01-78	5.50	35
	10-01-78	10-01-79	6.25	35
	10-01-79	10-01-81	8.25	35
	10-01-81	10-01-82	9.25	35
	10-01-82	09-30-83	10.25	35
	09-30-83	09-30-84	11.00	36
	09-30-84	10-01-85	11.75	37
	10-01-85	10-01-86	12.50	40
	10-01-86	06-01-87	13.00	40
	06-01-87	10-01-88	13.50	40
	10-01-88	10-01-89	14.00	40
	10-01-89	10-01-90	14.50	Unlimited
	10-01-90	10-01-91	15.00	Unlimited
	10-01-91	10-01-92	15.50	Unlimited
	10-01-92	10-01-93	16.00	Unlimited
	10-01-93	10-01-94	16.50	Unlimited
	10-01-94	10-01-95	17.25	Unlimited
	10-01-95	10-01-96	18.00	Unlimited
	10-01-96	10-01-97	18.50	Unlimited
	10-01-97	10-01-98	19.00	Unlimited
	10-01-98	10-01-99	19.50	Unlimited

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	10-01-99	10-01-00	$20.00	Unlimited
	10-01-00	10-01-01	20.50	Unlimited
	10-01-01	10-01-02	21.50	Unlimited
	10-01-02	04-01-04	22.50	Unlimited
	04-01-04	10-01-04	23.50	Unlimited
	10-01-04	10-01-05	24.50	Unlimited
	10-01-05	10-01-06	25.50	Unlimited
	10-01-06	10-01-07	26.50	Unlimited
	10-01-07	10-01-08	27.50	Unlimited
	10-01-08	10-01-10	28.50	Unlimited
	10-01-10	10-01-10	29.50	Unlimited
	10-01-11	10-01-12	30.50	Unlimited
	10-01-12	10-01-13	31.00	Unlimited
	10-01-13	10-01-14	31.50	Unlimited
	10-01-14	10-01-15	32.00	Unlimited
	10-01-15	10-01-16	32.50	Unlimited
	10-01-16	10-01-17	33.00	Unlimited
	10-01-17	10-01-18	33.50	Unlimited
Kent, OH (029H)	07-01-76	06-01-77	$ 5.00	25
	06-01-77	06-01-78	5.50	25
	06-01-78	04-01-80	6.00	25
	04-01-80	04-01-81	7.00	30
	04-01-81	04-01-82	8.00	30
	04-01-82	04-01-83	8.75	30
	04-01-83	04-01-84	9.25	30
	04-01-84	04-01-85	9.75	30
	04-01-85	04-01-86	10.25	32
	04-01-86	04-01-87	10.75	32
	04-01-87	07-01-88	11.25	32
	07-01-88	07-01-89	12.00	32
	07-01-89	07-01-90	12.50	32
	07-01-90	07-01-91	13.00	35
	07-01-91	07-01-92	14.00	35
	07-01-92	07-01-93	14.75	35
	07-01-93	07-01-94	15.75	35
	07-01-94	07-01-95	16.75	35
	07-01-95	07-01-96	17.75	35
	07-01-96	07-01-97	18.50	35
	07-01-97	07-01-98	19.50	35
	07-01-98	07-01-99	20.50	35
	07-01-99	07-01-00	21.50	35

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	07-01-00	07-01-01	$23.50	35
	07-01-01	07-01-02	24.50	35
	07-01-02	01-01-04	25.50	35
	01-01-04	07-01-04	26.50	40
	07-01-04	07-01-05	27.50	40
	07-01-05	07-01-06	28.50	40
	07-01-06	07-01-07	29.50	40
	07-01-07	07-01-08	30.00	40
	07-01-08	07-01-10	30.50	40
	07-01-10	07-01-11	31.00	40
	07-01-11	07-01-12	31.50	40
	07-01-12	07-01-13	32.50	40
	07-01-13	07-01-14	33.50	40
	07-01-14	07-01-15	34.50	40
	07-01-15	07-01-16	35.50	40
	07-01-16	07-01-17	36.00	40
	07-01-17	07-01-18	36.50	40
Ravenna, OH (063H)	07-01-76	06-01-77	$ 5.00	25
	06-01-77	06-01-78	5.50	25
	06-01-78	04-01-80	6.00	25
	04-01-80	04-01-81	7.00	30
	04-01-81	04-01-82	8.00	30
	04-01-82	04-01-83	8.75	30
	04-01-83	04-01-84	9.25	30
	04-01-84	04-01-85	9.75	30
	04-01-85	04-01-86	10.25	32
	04-01-86	04-01-87	10.75	32
	04-01-87	07-01-88	11.25	32
	07-01-88	07-01-89	12.00	32
	07-01-89	07-01-90	12.50	32
	07-01-90	07-01-91	13.00	35
	07-01-91	07-01-92	14.00	35
	07-01-92	07-01-93	14.75	35
	07-01-93	07-01-94	15.75	35
	07-01-94	07-01-95	16.75	35
	07-01-95	07-01-96	17.75	35
	07-01-96	07-01-97	18.50	35
	07-01-97	07-01-98	19.50	35
	07-01-98	07-01-99	20.50	35
	07-01-99	07-01-00	21.50	35
	07-01-00	07-01-01	23.50	35

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	07-01-01	07-01-02	$24.50	35
	07-01-02	01-01-04	25.50	35
	01-01-04	07-01-04	26.50	40
	07-01-04	07-01-05	27.50	40
	07-01-05	07-01-06	28.50	40
	07-01-06	07-01-07	30.00	40
	07-01-07	07-01-13	31.00	40
Portland, OR—PSC (082H)	04-01-81	04-01-82	$ 6.50	30
	04-01-82	04-01-84	7.00	30
	04-01-84	04-01-86	7.75	30
	04-01-86	04-01-87	8.00	30
	04-01-87	04-01-88	8.25	30
	04-01-88	04-01-89	9.00	30
	04-01-89	04-01-90	10.00	30
	04-01-90	04-01-91	11.00	30
	04-01-91	04-01-92	12.00	30
	04-01-92	04-01-93	12.50	30
	04-01-93	04-01-94	13.00	30
	04-01-94	04-01-95	14.00	30
	04-01-95	04-01-96	15.00	30
	04-01-96	04-01-97	16.00	30
	04-01-97	04-01-98	17.00	30
	04-01-98	04-01-99	17.50	30
	04-01-99	04-01-00	18.50	30
	04-01-00	04-01-01	19.00	30
	04-01-01	04-01-02	20.00	30
	04-01-02	04-01-03	21.00	30
	04-01-03	10-01-04	21.50	30
	10-01-04	04-01-05	22.50	30
	04-01-05	04-01-06	23.50	30
	04-01-06	01-01-07	24.50	30
	01-01-07	04-01-07	24.50	35
	04-01-07	04-01-08	25.50	35
	04-01-08	04-01-10	26.50	35
	04-01-10	04-01-11	27.50	35
	04-01-11	04-01-12	28.50	35
	04-01-12	04-01-13	29.50	35
	04-01-13	04-01-14	30.50	35
	04-01-14	04-01-15	31.50	35
	04-01-15	04-01-16	32.50	35
	04-01-16	04-01-18	33.00	35

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Santa Fe Springs, CA (053H—Closed)				
Corona, CA—Cylinder (337H)	07-01-76	11-01-76	$ 1.50	30
	11-01-76	11-01-77	4.50	30
	11-01-77	11-01-78	5.50	30
	11-01-78	11-01-79	6.00	30
	11-01-79	11-01-80	6.50	30
	11-01-80	11-01-81	7.00	30
	11-01-81	11-01-82	7.50	30
	11-01-82	11-01-83	8.25	30
	11-01-83	11-01-84	9.00	30
	11-01-84	11-01-85	9.75	30
	11-01-85	11-01-86	10.50	30
	11-01-86	11-01-87	11.25	30
	11-01-87	11-01-88	11.75	30
	11-01-88	11-01-90	12.25	30
	11-01-90	11-01-91	12.75	30
	11-01-91	11-01-92	13.25	30
	11-01-92	11-01-93	14.00	30
	11-01-93	11-01-94	14.75	30
	11-01-94	11-01-95	15.50	30
	11-01-95	11-01-96	16.25	30
	11-01-96	11-01-97	17.00	30
	11-01-97	11-01-98	17.75	30
	11-01-98	11-01-00	18.50	30
	11-01-00	11-01-01	19.50	30
	11-01-01	11-01-02	20.75	30
	11-01-02	05-01-04	21.75	30
	05-01-04	11-01-04	23.00	30
	11-01-04	11-01-05	24.00	30
	11-01-05	11-01-06	25.00	30
	11-01-06	11-01-07	25.75	30
	11-01-07	11-01-08	27.00	30
	11-01-08	11-01-10	28.00	30
	11-01-10	11-01-11	29.00	35
	11-01-11	11-01-12	29.50	35
	11-01-12	11-01-13	30.00	35
	11-01-13	11-01-14	30.50	35
	11-01-14	11-01-15	31.00	35
	11-01-15	11-01-16	31.50	35
	11-01-16	11-01-17	32.00	35
	11-0-16	11-01-18	32.50	40

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Eaton, OH (004H) Brookville, OH (301H) Lewisburg, OH (007H) Lewisburg West—TFD (345H)	07-01-76	02-01-77	$ 6.00	30
	02-01-77	02-01-78	7.00	30
	02-01-78	02-01-79	7.75	30
	02-01-79	02-01-80	8.50	31
	02-01-80	02-01-81	9.50	31
	02-02-81	02-01-82	10.50	31
	02-01-82	02-01-83	11.25	31
	02-01-83	02-01-84	11.50	31
	02-01-84	02-01-85	11.75	31
	02-01-85	02-01-86	12.00	35
	02-01-86	02-01-87	12.25	35
	02-01-87	02-01-88	12.75	35
	02-01-88	02-01-89	13.50	35
	02-01-89	02-01-90	14.00	35
	02-01-90	02-01-91	14.50	35
	02-01-91	02-01-92	15.00	37
	02-01-92	02-01-93	15.50	38
	02-01-93	02-01-94	16.00	39
	02-01-94	02-01-95	17.50	40
	02-01-95	02-01-96	18.50	40
	02-01-96	07-01-97	19.50	41
	07-01-97	02-01-98	20.50	41
	02-01-98	02-01-99	21.50	42
	02-01-99	02-01-00	22.50	42
	02-01-00	02-01-01	24.00	42
	02-01-01	02-01-02	25.00	42
	02-01-02	02-01-03	26.00	42
	02-01-03	08-01-04	27.00	42
	08-01-04	02-01-05	28.50	42
	02-01-05	02-01-06	29.50	42
	02-01-06	02-01-07	30.50	42
	02-01-07	02-01-08	31.50	45
	02-01-08	07-01-10	32.50	45
	07-01-10	07-01-11	33.50	45
	07-01-11	07-01-12	34.50	45

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	07-01-12	07-01-13	$35.50	45
	07-01-13	07-01-14	35.75	45
	07-01-14	07-01-15	36.00	45
	07-01-16	07-01-17	36.00	45
	07-01-17	07-01-18	36.25	45
St. Mary's, OH—Hourly Flex (041H—Closed)				
St. Mary's OH—Cylinder–Flex (411H)				
St. Mary's OH—Cylinder–Non-Flex (41101H)				
St. Mary's OH—Hourly	07-01-76	03-04-77	$ 5.75	30
	03-04-77	03-04-78	6.25	30
	03-04-78	03-04-79	7.00	30
	03-04-79	03-08-80	7.50	30
	03-08-80	03-09-81	9.00	30
	03-09-81	03-08-82	10.00	30
	03-08-82	03-07-83	10.50	32
	03-07-83	03-10-84	11.00	33
	03-10-84	03-11-85	11.50	34
	03-11-85	03-10-86	12.00	35
	03-10-86	03-09-87	12.50	36
	03-09-87	03-14-88	13.00	37
	03-14-88	03-13-89	13.50	38
	03-13-89	03-12-90	14.00	39
	03-12-90	03-01-91	14.50	40
	03-01-91	03-01-92	15.00	40
	03-01-92	03-01-93	15.50	40
	03-01-93	03-01-94	16.50	40
	03-01-94	03-01-95	17.50	40
	03-01-95	03-01-96	18.50	40
	03-01-96	03-01-97	19.25	40
	03-01-97	03-01-99	20.00	40
	03-01-99	03-01-00	20.75	40
	03-01-00	03-01-01	21.50	40
	03-01-01	03-01-02	22.75	40
	03-01-02	03-01-03	23.75	40
	03-01-03	09-01-04	25.00	40
	09-01-04	03-01-05	26.00	40
	03-01-05	03-01-07	27.00	40
	03-01-07	03-01-08	27.50	40
	03-01-08	03-01-10	28.50	40

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	03-01-10	03-01-11	$29.00	40
	03-01-11	03-01-12	29.50	40
	03-01-12	03-01-13	30.00	40
	03-01-13	03-01-14	30.50	40
	03-01-14	03-01-15	31.00	40
	03-01-15	03-01-16	31.50	40
	03-01-16	03-01-17	32.00	40
	03-01-17	03-01-18	32.50	40
	03-01-18	03-01-19	33.00	40
Plymouth, MI (043H)	07-01-76	03-01-77	$ 5.00	25
	03-01-77	03-01-78	5.50	25
	03-01-78	03-01-79	6.00	25
	03-01-79	03-01-80	6.75	25
	03-01-80	03-02-81	7.50	25
	03-02-81	03-01-82	8.00	25
	03-01-82	03-01-83	9.00	25
	03-01-83	02-27-84	9.50	25
	02-27-84	03-01-85	10.25	25
	03-01-85	03-01-86	10.75	25
	03-01-86	03-01-87	11.25	25
	03-01-87	03-01-88	12.00	25
	03-01-88	03-01-90	12.75	25
	03-01-90	03-01-91	13.25	30
	03-01-91	03-01-92	13.75	30
	03-01-92	03-01-93	14.25	30
	03-01-93	03-01-94	15.00	30
	03-01-94	03-01-95	16.00	30
	03-01-95	03-01-96	17.00	35
	03-01-96	03-01-97	18.00	35
	03-01-97	03-01-99	18.75	35
	03-01-99	03-01-00	19.25	35
	03-01-00	03-01-01	20.25	35
	03-01-01	03-01-02	21.50	35
	03-01-02	03-01-03	22.50	35
	03-01-03	09-01-04	23.75	35
	09-01-04	03-01-05	24.75	35
	03-01-05	03-01-07	26.00	35
	03-01-07	03-01-08	27.00	35
	03-01-08	03-01-10	28.00	35
	03-01-10	03-01-11	28.50	35
	03-01-11	03-01-12	29.00	40

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	03-01-12	03-01-13	$29.50	40
	03-01-13	03-01-14	30.00	40
	03-01-14	03-01-15	30.50	40
	03-01-15	03-01-16	31.00	40
	03-01-16	03-01-17	31.50	40
	03-01-17	03-01-18	32.00	40
	03-01-18	03-01-19	32.50	40
Lexington, KY (014H)	07-01-76	02-01-77	$ 4.50	30
	02-01-77	02-01-78	4.75	30
	02-01-78	02-01-81	5.00	30
	02-01-81	02-01-82	5.25	30
	02-01-82	02-01-83	5.75	30
	02-01-83	02-01-84	6.50	30
	02-01-84	02-01-85	6.75	30
	02-01-85	02-01-86	7.00	30
	02-01-86	02-01-87	7.50	30
	02-01-87	02-01-88	8.00	31
	02-01-88	02-01-89	9.00	31
	02-01-89	02-01-90	9.50	31
	02-01-90	02-01-91	10.00	31
	02-01-91	02-01-92	10.50	32
	02-01-92	02-01-93	11.00	33
	02-01-93	02-01-94	11.50	34
	02-01-94	02-01-95	12.00	35
	02-01-95	02-01-96	12.50	36
	02-01-96	02-01-97	13.00	36
	02-01-97	07-01-97	13.50	37
	07-01-97		13.50	40

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Grantsburg, WI (048H)				
Chetek, WI—Quick Coupling (361H)	07-01-76	09-01-77	$ 3.50	25
	09-01-77	09-01-78	4.50	25
	09-01-78	09-01-79	5.00	25
	09-01-79	09-01-80	5.50	25
	09-01-80	09-01-81	6.50	25
	09-01-81	09-03-82	7.50	25
	09-03-82	09-01-84	8.25	25
	09-01-84	09-01-85	8.75	25
	09-01-85	09-01-86	9.25	25
	09-01-86	09-01-87	10.00	25
	09-01-87	09-01-88	10.50	25
	09-01-88	09-01-89	11.50	30
	09-01-89	09-01-90	12.50	30
	09-01-90	09-01-91	13.50	30
	09-01-91	09-01-92	14.50	30
	09-01-92	09-01-93	15.50	30
	09-01-93	09-01-94	16.50	30
	09-01-94	09-01-95	17.50	30
	09-01-95	09-01-96	18.50	30
	09-01-96	09-01-97	19.50	30
	09-01-97	09-01-98	21.00	30
	09-01-98	09-01-99	22.00	30
	09-01-99	09-01-00	23.00	30
	09-01-00	09-01-01	24.00	35
	09-01-01	09-01-02	25.50	35
	09-01-02	03-01-04	27.00	35
	03-01-04	09-01-04	28.00	35
	09-01-04	09-01-05	29.00	35
	09-01-05	09-01-06	30.00	35
	09-01-06	09-01-07	31.00	35
	09-01-07	09-01-08	32.00	35
	09-01-08	09-01-10	33.00	35
	09-01-10	09-01-11	33.50	35
	09-01-11	09-01-12	34.00	35
	09-01-12	09-01-14	34.50	40
	09-01-16	09-01-17	35.00	40

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Trenton, NJ/PSC (Cherry Hill) (157H—Closed)	09-01-80	09-01-81	$ 5.50	25
	09-01-81	09-01-84	6.50	25
	09-01-84	09-01-85	6.75	25
	09-01-85	09-01-86	7.00	25
	09-01-86	09-01-87	7.25	25
	09-01-87	09-01-90	7.75	25
	09-01-90	09-01-91	10.75	25
	09-01-91	09-01-92	11.75	25
	09-01-92	09-01-93	12.50	25
	09-01-93	09-01-94	13.00	25
	09-01-94	09-01-95	14.00	26
	09-01-95	09-01-98	15.00	26
	09-01-98	09-01-99	17.50	26
	09-01-99	09-01-00	18.50	26
	09-01-00	09-01-01	19.00	26
	09-01-01	09-01-02	19.50	26
	09-01-02	03-01-04	20.00	30
	03-01-04	09-01-04	20.50	30
	09-01-04	09-01-05	21.50	30
	09-01-05	09-01-06	22.50	30
	09-01-06	01-01-07	23.50	30
	01-01-07	09-01-07	23.50	35
	09-01-07	09-01-08	24.50	35
	09-01-08	Closed	25.50	35
Mason, MI (035H)	07-01-76	07-01-77	$ 5.00	25
	07-01-77	07-01-78	5.50	25
	07-01-78	07-01-79	6.50	25
	07-01-79	04-01-80	6.50	30
	04-01-80	04-01-81	7.50	30
	04-01-81	04-01-82	U O	30
	04-01-82	04-01-83	9.25	30
	04-01-83	04-01-84	9.75	30
	04-01-84	04-01-85	10.25	30
	04-01-85	04-01-86	10.75	30
	04-01-86	04-01-87	11.25	32
	04-01-87	04-01-88	11.75	32
	04-01-88	04-01-89	12.25	32
	04-01-89	04-01-90	13.00	32
	04-01-90	04-01-91	14.00	32

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	04-01-91	04-01-92	$15.00	32
	04-01-92	04-01-93	16.00	35
	04-01-93	04-01-94	17.00	35
	04-01-94	04-01-95	18.00	35
	04-01-95	04-01-96	19.00	38
	04-01-96	04-01-97	20.00	38
	04-01-97	04-01-98	21.00	38
	04-01-98	04-01-99	22.00	38
	04-01-99	04-01-00	23.00	38
	04-01-00	04-01-01	24.00	38
	04-01-01	04-01-02	25.00	40
	04-01-02	04-01-03	26.00	40
	04-01-03	10-01-04	27.00	40
	10-01-04	04-01-05	28.00	40
	04-01-05	04-01-06	29.00	40
	04-01-06	08-01-14	30.00	40
Salt Lake City, UT (013H)	04-01-76	04-01-77	$ 2.50	30
	04-01-77	04-01-79	3.00	30
	04-01-79	04-01-80	4.00	30
	04-01-80	04-01-81	5.00	30
	04-01-81	04-01-82	5.50	30
	04-01-82	04-01-84	6.25	30
	04-01-84	04-01-85	6.75	30
	04-01-85	08-01-86	7.00	30
	08-01-86	08-01-87	7.50	30
	08-01-87	08-01-88	8.00	30
	08-01-88	08-01-89	8.75	30
	08-01-89	08-01-90	9.50	30
	08-01-90	08-01-91	10.00	30
	08-01-91	08-01-92	10.50	30
	08-01-92	07-01-93	11.00	30
	07-01-93	08-01-94	11.50	30
	08-01-94	07-01-04	12.00	30
	07-01-04	01-01-05	13.00	30
	01-01-05	07-01-06	15.00	30
	07-01-06	07-01-07	17.00	30
	07-01-07	07-01-12	17.50	30
	07-01-12	07-01-13	18.50	30

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	07-01-13	07-01-14	$19.40	30
	07-01-14	07-01-16	20.15	30
	07-01-16	07-01-17	21.15	30
	07-01-17	07-01-18	22.15	30
	07-01-18	07-01-19	23.15	30
Metamora, OH (067H)				
Metamora, OH—Arlon (06701H—Closed)	04-01-76	04-01-77	$ 3.00	25
	04-01-77	04-01-78	4.00	25
	04-01-78	04-01-80	4.50	25
	04-01-80	04-01-81	5.50	25
	04-01-81	04-01-82	6.50	25
	04-01-82	04-01-83	7.25	25
	04-01-83	04-01-84	8.00	25
	04-01-84	04-01-85	8.75	25
	04-01-85	04-01-86	9.50	25
	04-01-86	04-01-87	10.25	25
	04-01-87	04-01-88	11.00	25
	04-01-88	04-01-89	1135	25
	04-01-89	04-01-90	12.25	25
	04-01-90	04-01-91	13.00	25
	04-01-91	04-01-92	13.75	25
	04-01-92	04-01-93	14.25	25
	04-01-93	04-01-94	14.75	25
	04-01-94	04-01-95	15.25	25
	04-01-95	04-01-96	15.75	25
	04-01-96	04-01-97	16.00	25
	04-01-97	04-01-98	16.75	25
	04-01-98	04-01-99	17.25	25
	04-01-99	04-01-00	18.00	25
	04-01-00	04-01-01	20.00	25
	04-01-01	04-01-02	22.00	25
	04-01-02	04-01-03	22.50	25
	04-01-03	10-01-04	22.75	30
	10-01-04	04-01-06	23.00	30
	04-01-06	04-01-07	23.50	30
	04-01-07	04-01-08	24.00	30
	04-01-08	04-01-10	25.00	30
	04-01-10	04-01-11	26.00	30
	04-01-11	08-01-12	26.50	30
	08-01-12	08-01-13	27.50	35
	08-01-13	08-01-14	28.25	35
	08-01-14		29.00	35

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Portland, OR (065H—Closed)	08-01-75	08-01-76	$ 2.75	25
	08-01-76	04-01-77	3.00	25
	04-01-77	02-01-78	4.00	25
	02-01-78	02-01-80	5.00	25
	02-01-80	02-01-81	5.50	25
	02-01-81	02-01-82	6.00	25
	02-01-82	02-01-83	7.00	25
	02-01-83	02-01-84	7.75	25
	02-01-84	02-01-85	8.50	25
	02-01-85	02-01-86	9.25	25
	02-01-86	02-01-87	10.00	25
	02-01-87	02-01-88	10.75	25
	02-01-88	02-01-90	11.50	25
	02-01-90	02-01-91	12.00	25
	02-01-91	02-01-92	12.50	25
	02-01-92	02-01-93	13.00	25
	02-01-93	02-01-94	13.75	25
	02-01-94	02-01-95	14.50	25
	02-01-95	02-01-96	15.25	25
	02-01-96	02-01-97	16.00	25
	02-01-97	02-01-99	16.50	25
	02-01-99	02-01-00	17.00	25
	02-01-00	02-01-01	18.00	25
	02-01-01	02-01-02	19.00	25
	02-01-02	02-01-03	20.00	25
	02-01-03	08-01-04	21.25	25
	08-01-04	02-01-05	22.50	25
	02-01-05	02-01-07	23.75	25
	02-01-07	02-01-08	24.75	25
	02-01-08	02-01-09	25.75	25
	02-01-09	Closed	26.25	25

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Conyers, GA/PSC (078H)	11-01-82	11-01-83	$ 5.50	25
	11-01-83	11-01-84	6.00	25
	11-01-84	11-01-85	6.25	25
	11-01-85	11-01-86	6.50	25
	11-01-86	11-01-87	6.75	25
	11-01-87	11-01-90	7.25	25
	11-01-90	11-01-91	9.75	25
	11-01-91	11-01-92	10.75	25
	11-01-92	11-01-93	11.75	25
	11-01-93	11-01-94	12.75	25
	11-01-94	11-01-95	13.75	25
	11-01-95	11-01-96	14.75	25
	11-01-96	11-01-97	15.25	25
	11-01-97	11-01-98	16.00	25
	11-01-98	11-01-99	17.00	25
	11-01-99	11-01-00	18.00	30
	11-01-00	11-01-01	18.50	30
	11-01-01	11-01-02	19.00	30
	11-01-02	05-01-04	20.00	30
	05-01-04	11-01-04	21.00	30
	11-01-04	11-01-05	22.00	30
	11-01-05	11-01-06	23.00	30
	11-01-06	01-01-07	24.00	30
	01-01-07	11-01-07	24.00	35
	11-01-07	11-01-08	25.00	35
	11-01-08	11-01-10	26.00	35
	11-01-10	11-01-11	27.00	35
	11-01-11	11-01-12	28.00	35
	11-01-12	11-01-13	29.00	35
	11-01-13	11-01-14	30.00	35
	11-01-14	11-01-16	31.00	35
	11-01-16	11-01-17	31.25	35
Lakeville, MN/PSC (085H)				
Toledo, OH—OEM KIT (08501H)	03-01-81	03-01-82	$ 5.00	25
	03-01-82	03-01-84	6.00	25
	03-01-84	03-01-86	6.25	25
	03-01-86	03-01-88	7.00	25
	03-01-88	03-01-90	8.00	25
	03-01-90	03-01-91	9.75	25
	03-01-91	03-01-92	10.75	25

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	03-01-92	03-01-93	$11.50	25
	03-01-93	03-01-94	12.50	25
	03-01-94	03-01-95	13.50	25
	03-01-95	03-01-96	14.50	25
	03-01-96	03-01-97	15.50	25
	03-01-97	03-01-98	16.50	25
	03-01-98	03-01-99	17.50	25
	03-01-99	03-01-00	18.50	25
	03-01-00	03-01-01	19.00	30
	03-01-01	03-01-02	20.00	30
	03-01-02	03-01-05	21.00	30
	03-01-05	03-01-06	22.00	30
	03-01-06	01-01-07	22.50	30
	01-01-07	03-01-07	22.50	35
	03-01-07	03-01-08	23.00	35
	03-01-08	03-01-09	23.50	35
	03-01-09	03-01-11	24.00	35
	03-01-11	03-01-12	25.00	35
	03-01-12	03-01-13	26.00	35
	03-01-13	03-01-14	27.00	35
	03-01-14	03-01-15	28.00	35
	03-01-15	03-01-16	29.00	35
	03-01-16	03-01-17	30.00	35
	03-01-17	03-01-18	30.50	35
	03-01-18	03-01-19	31.00	35
Lakeview, MI—Brass (021H)	07-01-79	07-01-80	$ 3.00	25
	07-01-80	07-01-81	4.00	25
	07-01-81	07-01-83	5.00	25
	07-01-83	07-01-84	5.75	25
	07-01-84	07-01-85	6.50	25
	07-01-85	07-01-86	7.25	25
	07-01-86	07-01-87	8.00	25
	07-01-87	07-01-88	9.00	25
	07-01-88	07-01-89	10.00	25
	07-01-89	07-01-90	11.00	25
	07-01-90	07-01-91	12.00	25
	07-01-91	07-01-92	13.00	25
	07-01-92	07-01-93	14.00	25
	07-01-93	07-01-94	15.00	25
	07-01-94	07-01-95	16.00	25
	07-01-95	07-01-96	17.00	25
	07-01-96	07-01-97	18.00	25

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	07-01-97	07-01-98	$19.00	25
	07-01-98	07-01-99	20.00	25
	07-01-99	07-01-00	21.00	25
	07-01-00	07-01-01	22.00	40
	07-01-01	07-01-02	23.00	40
	07-01-02	01-01-04	24.00	40
	01-01-04	07-01-04	25.00	40
	07-01-04	07-01-05	26.00	40
	07-01-05	07-01-06	27.00	40
	07-01-06	07-01-07	28.00	40
	07-01-07	07-01-08	28.50	40
	07-01-08	07-01-10	29.00	40
	07-01-10	07-01-11	30.00	40
	07-01-11	07-01-12	30.50	40
	07-01-12	07-01-13	31.50	40
	07-01-13	07-01-14	32.50	40
	07-01-14	07-01-15	33.50	40
	07-01-15	07-01-16	34.50	40
	07-01-16	07-01-17	35.50	40
	07-01-17	07-01-18	36.00	40
	07-01-18	07-01-19	36.50	40
Jacksonville, AL (051H)	07-01-79	07-01-80	$ 5.00	25
	07-01-80	07-03-81	5.50	25
	07-03-81	07-02-82	6.00	25
	07-02-82	07-01-83	6.50	25
	07-01-83	08-01-84	7.00	25
	08-01-84	08-01-85	7.50	25
	08-01-85	08-01-86	8A0	25
	08-01-86	08-01-87	8.50	25
	08-01-87	08-01-88	9.00	25
	08-01-88	08-01-89	10.00	25
	08-01-89	08-01-90	11.00	25
	08-01-90	08-01-91	12.00	25
	08-01-91	08-01-92	13.00	25
	08-01-92	08-01-93	14.00	25
	08-01-93	08-01-94	15.00	25
	08-01-94	08-01-95	16.00	25
	08-01-95	08-01-96	17.00	25
	08-01-96	08-01-97	18.00	25
	08-01-97	08-01-98	19.00	25
	08-01-98	08-01-99	20.00	25

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	08-01-99	08-01-00	$21.00	25
	08-01-00	08-01-01	22.00	25
	08-01-01	08-01-02	23.50	25
	08-01-02	02-01-04	25.00	25
	02-01-04	06-01-04	27.00	40
	06-01-04	12-01-04	28.00	40
	12-01-04	12-01-05	29.00	40
	12-01-05	12-01-06	30.00	40
	12-01-06	12-01-07	31.50	40
	12-01-07	12-01-08	33.00	40
	12-01-08	07-01-10	34.00	40
	07-01-10	07-01-12	35.00	40
	07-01-12	07-01-17	36.00	40
Avon, OH (081H)	03-01-80	09-13-82	$ 8.00	35
	09-13-82	09-13-83	8.50	35
	09-13-83	10-01-84	9.00	35
	10-01-84	10-01-85	10.00	35
	10-01-85	10-01-86	11.00	35
	10-01-86	09-14-87	12.00	35
	09-14-87	09-19-88	13.00	35
	09-19-88	09-18-89	14.00	35
	09-18-89	09-16-91	15.00	35
	09-16-91	09-19-92	16.00	35
	09-19-92	09-06-93	16.50	35
	09-06-93	07-01-94	17.00	35
	07-01-94	07-01-95	17.50	35
	07-01-95	07-01-96	18.00	35
	07-01-96	07-01-97	18.50	35
	07-01-97	07-01-98	19.00	35
	07-01-98	07-01-99	19.50	35
	07-01-99	07-01-00	20.00	35
	07-01-00	07-01-01	21.00	35
	07-01-01	07-01-02	22.00	35
	07-01-02	07-01-03	23.00	40

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Madison, MS (128H, 12801H—Closed)	01-01-76	09-29-78	$ 2.50	Unlimited
	09-29-78	09-01-80	3.50	Unlimited
	09-01-80	09-01-81	4.00	35
	09-01-81	09-01-82	4.50	35
	09-01-82	09-01-83	5.00	35
	09-01-83	09-03-84	5.50	35
	09-03-84	09-01-86	6.00	35
	09-01-86	09-01-87	7.00	35
	09-01-87	09-01-88	7.50	35
	09-01-88	09-01-89	8.00	35
	09-01-89	09-01-90	8.50	35
	09-01-90	09-01-91	9.00	35
	09-01-91	09-01-92	9.50	35
	09-01-92	09-01-93	10.00	35
	09-01-93	09-01-94	10.50	35
	09-01-94	09-01-95	11.50	35
	09-01-95	09-01-97	12.00	35
	09-01-97	09-01-98	12.50	35
	09-01-98	09-01-99	13.00	35
	09-01-99	09-01-00	14.00	35
	09-01-00	09-01-01	15.00	35
	09-01-01	09-01-02	16.00	35
	09-01-02	03-01-04	17.00	35
	03-01-04	09-01-04	18.00	35
	09-01-04	09-01-05	19.00	35
	09-01-05	09-01-06	20.00	35
	09-01-06	09-01-07	21.00	35
	09-01-07	09-01-08	22.00	35
	09-01-08	09-01-10	23.00	35
	09-01-10	09-01-10	24.00	35
	09-01-11	09-01-12	25.00	35
	09-01-12	09-01-13	26.00	35
	09-01-13	09-01-14	27.00	35
	09-01-14	09-01-17	28.00	35
	07-01-17	07-01-18	29.00	35

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Greensboro, NC—PSC (132H)	05-01-82	05-01-83	$ 4.75	30
	05-01-83	05-01-84	5.00	30
	05-01-84	05-01-85	5.50	30
	05-01-85	05-01-86	5.75	30
	05-01-86	05-01-87	6.00	30
	05-01-87	05-01-88	6.50	30
	05-01-88	05-01-90	7.50	30
	05-01-90	05-01-91	9.50	30
	05-01-91	05-01-92	10.50	30
	05-01-92	05-01-93	11.50	30
	05-01-93	05-01-94	12.50	30
	05-01-94	05-01-95	13.50	30
	05-01-95	05-01-96	14.50	30
	05-01-96	05-01-98	15.00	30
	05-01-98	05-01-00	16.00	30
	05-01-00	05-01-01	18.00	30
	05-01-01	05-01-02	19.00	30
	05-01-02	05-01-03	20.00	30
	05-01-03	05-01-05	21.00	30
	05-01-05	05-01-06	22.00	30
	05-01-06	05-01-08	23.00	30
	05-01-08	05-01-12	24.00	30
	05-01-12	05-01-13	25.00	30
	05-01-13	05-01-14	26.00	30
	05-01-14	05-01-17	27.00	30
	05-01-17	05-01-18	28.00	30

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Irvine, CA—Logistics (08304H)				
Irvine, CA—Cust. Suppl. Military (08305H)				
Irvine, CA—Control Systems (071H)				
Irvine, CA—CSD Commercial (07102H)	07-01-81	05-03-82	$12.00	40
	05-03-82	05-01-84	12.50	40
	05-01-84	05-01-85	13.00	40
	05-01-85	05-01-86	13.50	40
	05-01-86	05-01-87	14.00	40
	05-01-87	05-01-88	14.50	40
	05-01-88	05-01-89	15.00	40
	05-01-89	02-01-91	15.50	40
	02-01-91	06-01-92	16.50	40
	06-01-92	06-01-93	18.00	40
	06-01-93	06-01-94	19.50	40
	06-01-94	07-01-95	20.50	40
	07-01-95	07-01-96	21.50	40
	07-01-96	07-01-97	23.00	40
Elyria, OH (Airborne) (129H)	07-01-84	07-01-86	$13.50	30
	07-01-86	07-01-87	13.50	35
	07-01-87	07-01-88	14.00	35
	07-01-88	07-01-89	14.50	35
	07-01-89	07-01-90	15.00	35
	07-01-90	07-01-91	15.50	35
	07-01-91	07-01-92	16.00	35
	07-01-92	07-01-93	16.50	35
	07-01-93	07-01-94	17.00	35
	07-01-94	07-01-95	17.50	35
	07-01-95	07-01-96	18.00	35
	07-01-96	07-01-97	18.50	35
	07-01-97	07-01-98	19.00	35
	07-01-98	07-01-99	19.50	35
	07-01-99	07-01-00	20.00	35
	07-01-00	07-01-01	21.00	35
	07-01-01	07-01-02	22.00	35
	07-01-02		23.00	40

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Spartanburg, SC (139H)	07-01-81	07-01-84	$ 8.00	35
	07-01-84	01-01-95	8.50	35
	01-01-95	01-01-96	9.50	35
	01-01-96	01-01-97	10.00	35
	01-01-97	01-01-98	10.50	35
	01-01-98	01-01-99	11.00	35
	01-01-99	01-01-00	11.50	35
	01-01-00	01-01-01	12.50	35
	01-01-01	01-01-02	13.50	35
	01-01-02	01-01-03	14.50	35
	01-01-03	07-01-05	15.50	35
	07-01-05	01-01-06	16.50	35
	01-01-06	01-01-07	17.50	35
	01-01-07	01-01-08	18.50	35
	01-01-08	07-01-10	19.00	35
	07-01-10	07-01-11	19.50	35
	07-01-11	07-01-12	20.00	35
	07-01-12	07-01-14	20.50	35
	07-01-14	07-01-15	21.00	35
Wadsworth, OH—Rotary Actuator (147H; 14701H)	07-01-81	02-01-82	$ 8.00	25
	02-01-82	02-01-83	9.00	25
	02-01-83	02-01-84	9.50	25
	02-01-84	02-01-85	10.25	25
	02-01-85	02-01-86	11.00	25
	02-01-86	02-01-87	11.50	25
	02-01-87	02-01-88	12.25	25
	02-01-88	02-01-89	13.00	25
	02-01-89	02-01-90	13.50	25
	02-01-90	02-01-92	14.00	25
	02-01-92	02-01-93	14.50	25
	02-01-93	02-01-94	15.25	25
	02-01-94	02-01-95	16.00	25
	02-01-95	02-01-96	16.75	25
	02-01-96	02-01-98	17.25	25
	02-01-98	02-01-99	18.00	25
	02-01-99	02-01-00	18.50	25
	02-01-00	02-01-01	19.00	25

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	02-01-01	02-01-02	$19.50	25
	02-01-02	02-01-03	20.50	25
	02-01-03	08-01-04	21.50	25
	08-01-04	02-01-06	22.50	32
	02-01-06	02-01-07	23.50	32
	02-01-07	02-01-08	24.50	35
	02-01-08	02-01-09	25.50	35
	02-01-09	02-01-11	26.50	35
	02-01-11	02-01-12	28.00	35
	02-01-12	02-01-13	29.50	35
	02-01-13	02-01-14	30.50	35
	02-01-14	02-01-15	31.50	35
	02-01-15	02-01-16	32.50	35
	02-01-16	02-01-17	33.50	35
	02-01-17	02-01-18	34.00	35
	Note: *The minimum benefit is $30 per month for employees hired prior to age 60 and under age 65 on the effective date.*			
Ogden, UT (109H)	07-01-81	05-31-82	$12.00	40
	05-31-82	05-01-84	12.50	40
	05-0.1-84	05-01-85	13.00	40
	05-01-85	05-01-86	13.50	40
	05-01-86	05-01-87	14.00	40
	05-01-87	05-01-88	14.50	40
	05-01-88	05-01-89	15.00	40
	05-01-89	02-01-91	15.50	40
	02-01-91	06-01-92	16.50	40
	06-01-92	06-01-93	18.00	40
	06-01-93	06-01-94	19.50	40
	06-01-94	06-01-95	20.50	40
	06-01-95	07-01-96	21.50	40
	07-01-96	07-01-97	23.00	40

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Buena Park, CA—PSC (117H)				
Buena Park, CA—Western Metro (11701H—Closed)	11-01-82	11-01-83	$ 5.25	30
	11-01-83	11-01-84	5.75	30
	11-01-84	11-01-85	6.00	30
	11-01-85	11-01-86	6.25	30
	11-01-86	11-01-87	6.75	30
	11-01-87	11-01-89	7.25	30
	11-01-89	11-01-90	9.00	30
	11-01-90	11-01-91	10.00	30
	11-01-91	11-01-92	11.00	30
	11-01-92	11-01-93	12.00	30
	11-01-93	11-01-94	13.00	30
	11-01-94	11-01-95	14.00	30
	11-01-95	11-01-96	15.00	30
	11-01-96	11-01-98	16.00	30
	11-01-98	11-01-99	17.00	30
	11-01-99	11-01-00	18.00	30
	11-01-00	11-01-01	18.50	30
	11-01-01	11-01-02	19.50	30
	11-01-02	11-01-04	20.50	30
	11-01-04	01-01-05	21.50	30
	11-01-05	11-01-06	22.50	30
	11-01-06	01-01-07	23.50	30
	01-01-07	11-01-07	23.50	35
	11-01-07	11-01-08	24.50	35
	11-01-08	11-01-10	25.50	35
	11-01-10	11-01-11	26.50	35
	11-01-11	11-01-12	27.50	35
	11-01-12	11-01-13	28.50	35
	11-01-13	11-01-14	29.50	35
	11-01-14	11-01-16	30.00	35
	11-01-16	11-01-17	31.00	35
Mauston, WI (153H, 15301H—Closed)	07-01-81	07-01-90	$ 8.50	30
	07-01-90	07-01-92	9.50	30
	07-01-92	07-01-93	10.00	30
	07-01-93	07-01-94	10.50	30
	07-01-94	07-01-97	11.00	30
	07-01-97	01-01-99	12.00	30
	01-01-99	01-01-01	13.00	30

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	01-01-01	01-01-03	$14.00	30
	01-01-03	07-01-04	15.00	30
	07-01-04	01-01-05	16.00	30
	01-01-05	01-01-06	17.00	30
	01-01-06	01-01-09	18.00	30
	01-01-09	01-01-10	19.00	30
	01-01-10	01-01-11	21.00	30
	01-01-11	01-01-12	22.00	30
	01-01-12	01-01-14	23.00	30
	01-01-14	01-01-16	24.00	30
	01-01-16	01-01-17	25.00	30
	01-01-17	01-01-18	26.00	30
	01-01-18	01-01-19	27.00	30
Batesville, MS (069H)	11-01-81	11-01-85	$ 3.00	25
	11-01-85	11-01-86	3.75	25
	11-01-86	11-01-87	4.00	25
	11-01-87	11-01-88	5.00	25
	11-01-88	11-01-89	6.00	25
	11-01-89	11-01-90	7.00	25
	11-01-90	11-01-91	7.75	25
	11-01-92	11-01-93	9.75	25
	11-01-93	11-01-94	10.50	25
	11-01-94	11-01-95	11.00	25
	11-01-95	11-01-98	11.50	25
	11-01-98	11-01-99	12.50	25
	11-01-99	11-01-00	13.50	25
	11-01-00	11-01-01	15.50	25
	11-01-01	11-01-02	16.50	25
	11-01-02	05-01-04	17.50	25
	05-01-04	11-01-04	18.50	30
	11-01-04	11-01-06	19.50	30
	11-01-06	11-01-10	20.00	30
	11-01-10	11-01-16	21.00	30
	11-01-16	11-01-17	22.00	30
	11-01-17	11-01-18	23.00	30
Trumann, AR (057H, 05701H—Closed, 61100H)	11-01-81	11-01-85	$ 3.00	25
	11-01-85	11-01-86	3.75	25
	11-01-86	11-01-87	4.00	25
	11-01-87	11-01-88	5.00	25

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	11-01-88	11-01-89	$ 6.00	25
	11-01-89	11-01-90	7.00	25
	11-01-90	11-01-91	7.75	25
	11-01-91	11-01-92	8.75	25
	11-01-92	11-01-93	9.75	25
	11-01-93	11-01-94	10.50	25
	11-01-94	11-01-95	11.25	25
	11-01-95	11-01-98	11.50	25
	11-01-99	11-01-99	12.50	25
	11-01-99	11-01-00	13.50	25
	11-01-00	11-01-01	15.50	25
	11-01-01	11-01-02	16.50	25
	11-01-02	05-01-04	17.50	25
	05-01-04	11-01-04	18.50	30
	11-01-04	11-01-06	19.50	30
	11-01-06	11-01-10	20.00	30
	11-01-10		21.00	30
Phoenix, AZ—Fuel Products (123H)	07-01-79	07-01-80	$ 8.00	35
	07-01-80	03-02-81	9.00	35
	03-02-81	03-01-82	10.00	35
	03-01-82	05-01-84	10.50	35
	05-01-84	05-01-85	11.00	35
	05-01-85	05-01-86	11.50	35
	05-01-86	05-01-87	12.00	40
	05-01-87	07-01-88	12.50	40
	07-01-88	05-01-89	13.00	40
	05-01-89	02-01-91	13.50	40
	02-01-91	07-01-93	14.50	40
	07-01-93	06-01-94	15.50	40
	06-01-94	07-01-95	16.50	40
	07-01-95	07-01-96	17.50	40
	07-01-96	07-01-97	18.00	40
Glendale, AZ (236H)				
Glendale, AZ—CSO Commercial (23601H)	07-01-81	10-01-81	$ 8.00	35
	10-01-81	10-01-83	8.50	35
	10-01-83	10-01-85	9.00	35
	10-01-85	10-01-86	9.50	35
	10-01-86	10-01-87	10.00	35
	10-01-87	11-03-88	11.00	35
	11-03-88	10-01-89	12.00	35

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	10-01-89	10-01-90	$12.50	35
	10-01-90	10-01-91	13.00	35
	10-01-91	10-01-92	13.50	35
	10-01-92	10-01-93	14.00	35
	10-01-93	07-01-94	15.00	35
	07-01-94	07-01-95	15.75	35
	07-01-95	07-01-96	16.75	35
	07-01-96		17.50	35
Boaz, AL (155H)	07-01-82	07-01-83	$ 7.00	25
	07-01-83	07-01-84	7.50	25
	07-01-84	07-01-85	7.75	25
	07-01-85	07-01-86	8.00	25
	07-01-86	07-01-87	8.50	25
	07-01-87	07-01-88	9.50	30
	07-01-88	07-01-89	10.50	30
	07-01-89	07-01-90	11.50	30
	07-01-90	07-01-91	12.00	30
	07-01-91	07-01-92	13.00	30
	07-01-92	07-01-93	14.00	30
	07-01-93	07-01-94	15.00	30
	07-01-94	07-01-95	16.00	30
	07-01-95	07-01-96	17.00	35
	07-01-96	07-01-97	18.00	35
	07-01-97	07-01-98	19.00	35
	07-01-98	07-01-99	20.00	35
	07-01-99	04-01-00	21.00	35
	04-01-00	12-01-00	22.50	35
	12-01-00	12-01-01	24.00	40
	12-01-01	12-01-02	25.00	40
	12-01-02	06-01-04	27.00	40
	06-01-04	12-04-04	28.00	40
	12-01-04	12-01-05	29.00	40
	12-01-05	12-01-06	30.00	40
	12-01-06	12-01-07	31.50	40
	12-01-07	12-01-08	33.00	40
	12-01-08	07-01-10	34.00	40
	07-01-10	07-01-12	35.00	40
	07-01-12	07-01-16	36.00	40

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Albion, IN (161H)	07-01-83	07-01-84	$ 8.50	25
	07-01-84	07-01-85	9.00	25
	07-01-85	07-01-86	9.50	25
	07-01-86	07-01-87	10.00	25
	07-01-87	07-01-88	10.50	25
	07-01-88	07-01-90	11.00	25
	07-01-90	07-01-91	12.00	25
	07-01-91	07-01-92	13.00	25
	07-01-92	07-01-93	14.00	25
	07-01-93	07-01-94	15.00	25
	07-01-94	07-01-95	16.00	25
	07-01-95	07-01-96	17.00	25
	07-01-96	07-01-97	18.00	25
	07-01-97	07-01-98	19.00	25
	07-01-98	07-01-99	20.00	25
	07-01-99	07-01-00	21.00	25
	07-01-00	07-01-01	22.00	25
	07-01-01	07-01-02	23.00	25
	07-01-02	01-01-04	24.00	25
	01-01-04	07-01-04	25.00	25
	07-01-04	07-01-05	26.00	25
	07-01-05	07-01-06	27.00	25
	07-01-06	07-01-07	28.00	25
	07-01-07	07-01-08	28.50	25
	07-01-08	07-01-10	29.00	30
	07-01-10	07-01-11	30.00	30
	07-01-11	07-01-12	30.50	30
	07-01-12	07-01-13	31.50	30
	07-01-13	07-01-14	32.50	30
	07-01-14	07-01-15	33.50	30
	07-01-15	07-01-16	34.50	30
	07-01-16	07-01-17	35.50	40
	07-01-17-	07-01-18	36.00	40
	07-01-18-	07-01-19	36.50	40
Ashley, IN (172H)	07-01-83	07-01-84	$ 8.50	25
	07-01-84	07-01-85	9.00	25
	07-01-85	07-01-86	9.50	25
	07-01-86	07-01-87	10.00	25
	07-01-87	07-04-88	10.50	25
	07-04-88	07-01-90	11.00	25
	07-01-90	07-01-91	11.50	25

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	07-01-91	07-01-92	$12.00	25
	07-01-92	07-01-93	12.50	25
	07-01-93	07-01-94	13.25	25
	07-01-94	07-01-95	14.00	25
	07-01-95	07-01-96	14.75	25
	07-01-96	07-01-97	15.50	25
	07-01-97	07-01-99	16.25	25
	07-01-99	07-01-00	17.00	25
	07-01-00	07-01-01	18.00	25
	07-01-01	07-01-02	19.25	25
	07-01-02	01-01-04	20.50	25
	01-01-04	07-01-04	21.75	25
	07-01-04	07-01-05	22.75	25
	07-01-05	07-01-07	24.00	25
	07-01-07	07-01-08	25.00	25
	07-01-08	07-01-10	26.00	25
	07-01-10	07-01-11	27.00	25
	07-01-11	07-01-12	28.00	30
	07-01-12	07-01-13	29.00	30
	07-01-13	07-01-14	30.00	30
	07-01-14	07-01-15	30.50	30
	07-01-15	07-01-16	31.00	30
	07-01-16	07-01-17	31.50	30
	07-01-17	07-01-18	32.00	40
	07-01-18	07-01-19	32.50	40
Deerwood, MN (146H)	02-01-84	02-01-85	$ 3.00	25
	02-01-85	02-01-86	4.00	25
	02-01-86	02-01-87	4.50	25
	02-01-87	02-01-88	5.50	25
	02-01-88	02-01-89	7.00	25
	02-01-89	02-01-90	8.00	25
	02-01-90	02-01-91	9.00	25
	02-01-91	02-01-92	10.00	25
	02-01-92	02-01-93	11.00	25
	02-01-93	02-01-94	12.00	25
	02-01-94	02-01-95	13.00	25
	02-01-95	02-01-96	14.00	25
	02-01-96	02-01-97	15.50	30
	02-01-97	02-01-98	16.50	30
	02-01-98	02-01-99	18.00	30
	02-01-99	02-01-00	19.00	30

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	02-01-00	02-01-01	$20.00	30
	02-01-01	02-01-02	21.50	30
	02-01-02	02-01-03	23.00	30
	02-01-03	08-01-04	25.00	30
	08-01-04	02-01-05	26.00	30
	02-01-05	02-01-06	27.00	35
	02-01-06	02-01-07	28.00	35
	02-01-07	02-01-09	29.00	35
	02-01-09	08-01-16	30.00	35
	08-01-16	12-02-16	30.00	35
Broadview, IL (090H)				
Broadview, IL (09001H—Closed)				
Broadview, IL—Aftermarket (09002H)	01-01-83	07-01-90	$ 9.00	35
	07-01-90	07-01-92	9.50	35
	07-01-92	07-01-93	10.00	35
	07-01-93	07-01-94	10.50	35
	07-01-94	07-01-97	11.00	35
	07-01-97	01-01-99	12.00	35
	01-01-99	01-01-01	13.00	35
	01-01-01	01-01-03	14.00	35
	01-01-03	07-01-04	15.00	35
	07-01-04	01-01-05	16.00	35
	01-01-05	01-01-06	17.00	35
	01-01-06	01-01-09	18.00	35
	01-01-09	01-01-10	19.00	35
	01-01-10	01-01-11	21.00	35
	01-01-11	01-01-12	22.00	35
	01-01-12	01-01-14	23.00	35
	01-01-14	01-01-16	24.00	35
	01-01-16	01-01-17	25.00	35
	01-01-17	01-01-18	26.00	35
	01-01-18	01-01-19	27.00	35

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Columbus, OH (176H)	07-01-84	05-01-86	$ 8.00	25
	05-01-86	05-01-88	8.25	25
	05-01-88	05-01-89	9.00	25
	05-01-89	05-01-90	10.00	25
	05-01-90	05-01-91	10.50	25
	05-01-91	05-01-92	11.50	25
	05-01-92	05-01-93	12.00	25
	05-01-93	05-01-94	12.50	25
	05-01-94	05-01-95	13.00	25
	05-01-95	05-01-96	14.00	25
	05-01-96	05-01-97	15.00	25
	05-01-97	05-01-98	16.00	25
	05-01-98	05-01-99	17.00	25
	05-01-99	05-01-00	18.00	25
	05-01-00	05-01-01	19.50	25
	05-01-01	05-01-02	21.00	25
	05-01-02	05-01-03	22.00	25
	05-01-03	11-01-04	23.00	25
	11-01-04	05-01-05	24.50	25
	05-01-05	05-01-06	25.50	25
	05-01-06	05-01-07	26.50	25
	05-01-07	05-01-08	27.50	25
	05-01-08	05-01-10	28.50	25
	05-01-10	05-01-11	29.50	25
	05-01-11	07-01-14	30.50	25
	07-01-14	07-01-15	30.75	25
Forest City, NC (188H)	07-01-84	06-01-86	$ 7.50	35
	06-01-86	06-01-87	8.00	25
	06-01-87	06-01-89	8.50	25
	06-01-89	06-01-90	9.00	25
	06-01-90	06-01-93	9.50	25
	06-01-93	06-01-94	10.25	25
	06-01-94	06-01-96	10.75	25
	06-01-96	06-01-98	11.25	25
	06-01-98	06-01-99	11.75	25
	06-01-99	06-01-00	12.25	25
	06-01-00	06-01-01	12.75	25

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	06-01-01	06-01-02	$13.75	25
	06-01-02	06-01-03	14.75	25
	06-01-03	12-01-04	16.00	25
	12-01-04	06-01-05	17.50	25
	06-01-05	06-01-06	19.00	25
	06-01-06	06-01-07	20.00	25
	06-01-07	06-01-10	21.00	25
	06-01-10	06-01-11	22.00	25
	06-01-11	06-01-12	23.00	25
	06-01-12	06-01-13	24.00	25
	06-01-13	06-01-14	25.00	25
	06-01-14	06-01-15	26.00	25
	06-01-15	06-01-16	27.00	25
	06-01-16	06-01-17	28.00	25
	06-01-17	06-01-18	30.00	25
Manhattan, KS (124H)	07-01-85	12-01-85	$ 5.00	25
	12-01-85	12-01-86	5.50	25
	12-01-86	12-01-87	6.00	25
	12-01-87	12-01-88	7.00	25
	12-01-88	12-01-89	8.00	25
	12-01-89	12-01-90	9.00	30
	12-01-90	12-01-91	10.00	30
	12-01-91	12-01-92	11.00	30
	12-01-92	12-01-93	11.00	30
	12-01-93	12-01-94	13.00	30
	12-01-94	12-01-95	14.00	30
	12-01-95	12-01-96	15.00	30
	12-01-96	12-01-97	16.00	30
	12-01-97	12-01-98	17.00	30
	12-01-98	12-01-99	18.00	30
	12-01-99	12-01-00	19.00	30
	12-01-00	12-01-01	20.00	30
	12-01-01	12-01-02	21.00	30
	12-01-02	06-01-04	22.50	30
	06-01-04	12-01-04	23.50	30
	12-01-04	12-01-05	24.50	30
	12-01-05	12-01-08	25.50	30
	12-01-08	12-01-12	26.50	30
	12-01-12	12-01-15	27.50	30

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Enfield, CT (202H)	11-01-85	06-01-87	$ 7.50	25
	06-01-87	06-06-88	8.00	25
	06-06-88	06-01-90	8.50	25
	06-01-90	06-01-91	9.00	25
	06-01-91	06-01-92	9.50	25
	06-01-92	06-01-93	10.00	25
	06-01-93	06-01-94	10.50	25
	06-01-94	06-01-95	11.00	25
	06-01-95	06-01-96	11.75	25
	06-01-96	06-01-97	12.50	25
	06-01-97	06-01-99	13.25	25
	06-01-99	06-01-00	14.00	25
	06-01-00	06-01-01	15.00	25
	06-01-01	06-01-02	16.25	25
	06-01-02	06-01-03	17.50	25
	06-01-03	12-01-04	18.75	25
	12-01-04	06-01-06	19.75	25
	06-01-06	06-01-07	21.00	25
	06-01-07	06-01-08	22.00	25
	06-01-08	06-01-10	23.00	25
	06-01-10	06-01-11	24.00	25
	06-01-11	06-01-12	25.50	25
	06-01-12	06-01-13	27.00	30
	06-01-13	06-01-14	28.00	30
	06-01-14	06-01-15	29.00	30
	06-01-15	06-01-16	30.00	30
Goodland, IN (201H)	07-01-86	05-01-87	$ 7.50	25
	05-01-87	05-02-88	8.00	25
	05-02-88	05-01-90	8.50	25
	05-01-90	05-01-91	9.00	25
	05-01-91	05-01-92	9.50	25
	05-01-92	05-01-93	10.00	25
	05-01-93	05-01-94	10.50	25
	05-01-94	05-01-96	11.25	25
	05-01-96	05-01-97	11.50	25
	05-01-97	05-01-99	12.25	25
	05-01-99	05-01-00	13.25	25
	05-01-00	05-01-01	14.25	25
	05-01-01	05-01-02	15.50	25

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	05-01-02	05-01-03	$16.75	25
	05-01-03	11-01-04	18.00	25
	11-01-04	05-01-05	19.25	25
	05-01-05	05-01-07	20.75	25
	05-01-07	05-01-08	21.75	25
	05-01-08	05-01-10	23.00	30
	05-01-10	05-01-11	24.00	30
	05-01-11	05-01-12	25.50	30
	05-01-12	05-01-13	27.00	30
	05-01-13	05-01-14	28.00	30
	05-01-14	05-01-15	29.00	30
	05-01-15	05-01-16	30.00	30
	05-01-16	05-01-17	31.00	30
	05-01-17	05-01-18	31.50	40
	05-01-18	05-01-19	32.00	40
Mooresville, NC (212H—Closed)				
Mooresville, NC—PSC (21201H)	07-01-86	02-01-87	$ 7.00	25
	02-01-87	02-01-88	7.50	25
	02-01-88	02-01-89	8.00	25
	02-01-89	02-01-90	8.50	25
	02-01-90	02-01-91	9.00	25
	02-01-91	02-01-92	9.50	25
	02-01-92	02-01-93	10.00	25
	02-01-93	02-01-94	11.00	25
	02-01-94	02-01-95	11.50	25
	02-01-95	02-01-96	12.50	25
	02-01-96	02-01-97	13.00	25
	02-01-97	02-01-98	14.00	25
	02-01-98	07-01-00	15.00	25
	07-01-00	07-01-01	16.00	30
	07-01-01	09-01-02	17.00	30
	09-01-02	03-01-04	18.00	30
	03-01-04	09-01-04	19.00	30
	09-01-04	09-01-05	20.00	30
	09-01-05	09-01-06	21.00	30
	09-01-06	01-01-07	22.00	30
	01-01-07	09-01-07	22.00	35
	09-01-07	09-01-08	23.00	35
	09-01-08	09-01-10	24.00	35
	09-01-10	09-01-11	25.00	35
	09-01-11	09-01-12	26.00	35

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	09-01-12	09-01-13	$27.00	35
	09-01-13	09-01-14	28.00	35
	09-01-14	09-01-15	29.00	35
	09-01-15	09-01-16	30.00	35
	09-01-16	09-01-17	30.50	35
	09-01-17	09-01-18	31.00	35
	09-01-18	09-01-19	31.50	35
Waterville, OH—PSC (245H)	12-01-86	12-01-87	$ 3.00	25
	12-01-87	02-01-93	4.00	25
	02-01-93	02-01-94	8.00	25
	02-01-94	02-01-95	9.00	25
	02-01-95	02-01-96	10.50	25
	02-01-96	02-01-97	11.50	25
	02-01-97	02-01-98	12.50	25
	02-01-98	02-01-99	14.00	25
	02-01-99	02-01-00	16.00	25
	02-01-00	02-01-01	17.00	25
	02-01-01	02-01-02	17.50	30
	02-01-02	02-01-03	18.00	30
	02-01-03	08-01-04	18.50	30
	08-01-04	02-01-05	19.50	30
	02-01-05	02-01-06	20.50	30
	02-01-06	01-01-07	21.50	30
	01-01-07	02-01-07	21.50	35
	02-01-07	02-01-08	22.50	35
	02-01-08	02-01-09	23.50	35
	02-01-09	02-01-11	24.50	35
	02-01-11	02-01-12	25.50	35
	02-01-12	02-01-13	26.50	35
	02-01-13	02-01-14	27.50	35
	02-01-14	02-01-15	28.50	35
	02-01-15	02-01-16	29.50	35
	02-01-16	02-01-17	30.00	35
	02-01-17	02-01-18	30.50	35
	02-01-18	02-01-19	31.00	35
Oxford, MI (224H)	10-01-86	01-01-88	$10.00	25
	01-01-88	01-01-89	10.50	25
	01-01-89	01-01-90	11.00	25
	01-01-90	01-01-91	11.50	25
	01-01-91	01-01-92	12.00	25

Date of Retirement			Maximum
On or After	But Before	Benefit Unit	Years of Participation
01-01-92	01-01-94	$12.75	25
01-01-94	01-01-95	13.75	25
01-01-95	01-01-96	14.25	25
01-01-96	01-01-97	14.75	25
01-01-97	01-01-98	15.50	25
01-01-98	01-01-99	16.00	25
01-01-99	01-01-00	16.75	25
01-01-00	01-01-01	17.75	25
01-01-01	01-01-02	18.75	25
01-01-02	01-01-03	20.00	25
01-01-03	01-01-04	21.00	25
01-01-04	01-01-05	22.00	25
01-01-05	01-01-06	23.00	25
01-01-06	01-01-07	24.00	25
01-01-07	01-01-08	25.00	25
01-01-08	01-01-11	26.00	30
01-01-11	01-01-16	27.00	30

Eugene, OR (249H)
Decatur, AL (250H—Closed)

The benefit unit below is multiplied by the years after July 1, 1975. For plan years after July 1, 1975 but prior to January 1, 1979, an additional benefit was earned which is determined as 1.4% of any basic monthly earnings in excess of one-twelfth of the Social Security wage base for that year's participation.

Date of Retirement	Benefit Unit	Maximum Years of Participation
01-01-79	$ 5.00	Unlimited
After 01-02-79	10.00	Unlimited
After 09-02-89	10.50	Unlimited
After 09-02-91	11.00	Unlimited
After 09-02-92	11.75	Unlimited
After 09-02-93	12.25	Unlimited
After 09-02-95	13.25	Unlimited
After 09-02-96	14.25	Unlimited
After 09-02-97	15.25	Unlimited
After 09-02-00	16.25	Unlimited
After 09-02-01	16.75	Unlimited
After 09-01-02	17.50	Unlimited
After 03-01-04	18.25	Unlimited
After 09-01-04	19.00	Unlimited
After 09-01-05	19.50	Unlimited
After 09-01-07	21.00	Unlimited
After 09-01-08	22.50	Unlimited
After 09-01-10	24.00	Unlimited
After 09-01-11	25.00	Unlimited
After 09-01-12	26.00	Unlimited
After 09-01-13	27.00	Unlimited
After 09-01-14	28.00	Unlimited
After 09-01-15	29.00	Unlimited
After 09-01-16	30.00	Unlimited
After 09-01-17	30.50	Unlimited
After 09-01-18	31.00	Unlimited

Benefit accrued before July 1, 1975 was at the rate of $5.00 per month per year of service before that date.

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Booneville, MS (180H—Closed, 18001H—Closed)	07-01-88	07-01-89	$ 5.00	25
	07-01-89	07-01-90	6.00	25
	07-01-90	07-01-91	6.50	25
	07-01-91	07-01-92	7.00	25
	07-01-92	07-01-93	8.00	25
	07-01-93	07-01-94	9.00	25
	07-01-94	07-01-95	10.00	25
	07-01-95	07-01-96	11.00	25
	07-01-96	07-01-97	11.50	25
	07-01-97	07-01-98	12.00	25
	07-01-98	07-01-99	13.00	25
	07-01-99	07-01-00	14.00	25
	07-01-00	07-01-01	15.00	25
	07-01-01	07-01-02	16.00	25
	07-01-02	01-01-04	16.50	25
	01-01-04	07-01-07	17.00	25
	07-01-07	07-01-08	18.00	25
	07-01-08	Closed	19.00	25
Greenfield, TN—RAC Cooper (267H)	07-01-90	07-01-91	$ 8.50	25
	07-01-91	07-01-93	9.00	25
	07-01-93	07-01-94	10.00	25
	07-01-94	07-01-95	10.50	25
	07-01-95	07-01-96	11.00	25
	07-01-96	07-01-97	11.50	25
	07-01-97	07-01-98	12.00	25
	07-01-98	07-01-00	13.00	25
	07-01-00	07-01-01	15.00	25
	07-01-01	01-01-04	16.00	25
	01-01-04	07-01-04	17.00	25
	07-01-04	07-01-05	18.00	25
	07-01-05	07-01-06	19.00	25
	07-01-06	01-01-12	20.00	25
	07-01-12	07-01-13	21.00	25
	07-01-13	07-01-16	22.00	25

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Hampshire, IL—GNP (194H)	07-01-93	07-01-95	$ 6.00	25
	07-01-95	07-01-96	7.00	25
	07-01-96	07-01-00	8.00	25
	07-01-00	07-01-04	9.50	25
	07-01-04	01-01-05	10.50	25
	01-01-05	07-01-06	12.50	25
	07-01-06	07-01-07	14.50	25
	07-01-07	07-01-08	15.00	25
	07-01-08	01-01-12	15.50	25
	01-01-12	01-01-14	17.50	25
	01-01-14	01-01-16	18.25	25
	01-01-18	01-01-19	21.25	25
Longwood, FL (160H—Closed)	07-01-91	07-01-02	$ 9.00	25
	07-01-02	01-01-04	10.00	25
	01-01-04	Closed	11.00	25
Machesney Park, IL (Rockford)—(332H)	04-25-95	04-01-96	$ 9.00	32
	04-01-96	04-01-97	9.50	32
	04-01-97	04-01-98	10.00	32
	04-01-98	04-01-99	10.50	32
	04-01-99	04-01-00	11.50	32
	04-01-00	04-01-01	12.50	32
	04-01-01	04-01-02	13.75	32
	04-01-02	04-01-03	15.00	32
	04-01-03	10-01-04	16.25	32
	10-01-04	04-01-05	17.50	32
	04-01-05	04-01-06	18.75	32
	04-01-06	04-01-07	19.50	32
	04-01-07	04-01-08	20.75	32
	04-01-08	04-01-10	21.50	32
	04-01-10	04-01-11	22.00	32
	04-01-11	04-01-12	23.00	32
	04-01-12	04-01-13	24.00	32
	04-01-13	04-01-14	25.00	32
	04-01-14	04-01-15	26.00	32
	04-01-15	04-01-16	27.00	32
	04-01-16	04-01-17	28.00	32
	04-01-17	04-01-18	29.00	32
	04-01-18	04-01-19	30.00	32

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Oshkosh, WI (348H)	09-01-01	09-01-02	$17.00	25
	09-01-02	03-01-04	18.50	30
	03-01-04	09-01-05	19.50	30
	09-01-05	09-01-06	20.50	30
	09-01-06	01-01-07	21.50	30
	01-01-07	09-01-07	21.50	35
	09-01-07	09-01-08	22.50	35
	09-01-08	09-01-10	23.00	35
	09-01-10	09-01-11	24.00	35
	09-01-11	09-01-12	25.00	35
	09-01-12	09-01-13	26.00	35
	09-01-13	09-01-14	27.00	35
	09-01-14	09-01-15	28.00	35
	09-01-15	09-01-16	29.00	35
	09-01-16	09-01-17	30.00	35
	09-01-17	09-01-18	30.50	35
	09-01-18	09-01-19	31.00	35
Alliance, NE—Dayco (505H)	10-20-01	07-01-02	$10.50	Unlimited
	07-01-02	06-01-03	12.50	Unlimited
	06-01-04	12-01-04	14.50	Unlimited
	12-01-04	12-01-05	15.50	Unlimited
	12-01-05	12-01-06	17.50	Unlimited
	12-01-06	12-01-07	18.50	Unlimited
	12-01-07	12-01-08	20.50	Unlimited
	12-01-08	08-01-11	21.50	Unlimited
	12-01-12	12-01-13	23.00	Unlimited
	12-01-13	12-01-14	24.00	Unlimited
	12-01-14	12-01-15	25.00	Unlimited
	12-01-16	12-01-17	26.00	Unlimited
	12-01-17	12-01-18	27.00	Unlimited
Davenport, IA—Dayco (508H)	10-20-01	10-01-02	$ 6.00	Unlimited
	10-01-02	04-01-04	12.00	Unlimited
	04-01-04	10-01-05	14.00	Unlimited
	10-01-05	10-01-06	16.00	Unlimited
	10-01-06	10-01-07	18.00	Unlimited
	10-01-07	10-01-08	20.00	Unlimited
	10-01-08	10-01-11	21.00	Unlimited
	10-01-12	10-01-13	22.00	Unlimited
	10-01-13	10-01-14	23.00	Unlimited
	10-01-14	10-01-15	25.00	Unlimited

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	10-01-15	10-01-16	$26.00	Unlimited
	10-01-16	10-01-17	27.00	Unlimited
	10-01-17	10-01-18	28.00	Unlimited
Houston, TX—Dayco (510H)	10-20-01	11-01-02	$ 8.00	Unlimited
	11-01-02	05-01-04	12.00	Unlimited
	05-01-04	11-01-04	13.00	Unlimited
	11-01-04	05-01-05	14.00	Unlimited
	05-01-05	05-01-06	15.00	Unlimited
	05-01-06	05-01-07	15.50	Unlimited
	05-01-07	05-01-08	16.50	Unlimited
	05-01-08	05-01-11	17.50	Unlimited
	05-01-11	05-01-12	18.50	Unlimited
	05-01-12	05-01-13	20.00	Unlimited
	05-01-13	05-01-14	21.00	Unlimited
	05-01-14	05-01-15	22.00	Unlimited
	05-01-15	05-01-16	23.00	Unlimited
	05-01-16	05-01-17	24.00	Unlimited
	05-01-16	05-01-17	24.50	Unlimited
McCook, NE—Dayco (514H)	10-20-01	03-01-02	$ 9.50	Unlimited
	03-01-02	04-01-04	11.50	Unlimited
	04-01-04	10-01-04	12.50	Unlimited
	10-01-04	10-01-05	13.50	Unlimited
	10-01-05	10-01-06	15.00	Unlimited
	10-01-06	10-01-07	16.50	Unlimited
	10-01-07	10-01-08	17.50	Unlimited
	10-01-08	10-01-10	18.50	Unlimited
	10-01-10	10-01-11	20.00	Unlimited
	10-01-11	10-01-12	22.00	Unlimited
	10-01-12	10-01-13	23.00	Unlimited
	10-01-13	10-01-14	24.00	Unlimited
	10-01-14	10-01-15	26.00	Unlimited
	10-01-15	10-01-16	27.00	Unlimited
	10-01-16	10-01-17	28.00	Unlimited
	10-01-17	10-01-18	29.00	Unlimited

Retiree Medical Account (RMA) Benefit	In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants at RMA eligible locations. The main provisions of the RMA are summarized in the Appendix.
Early Retirement	Eligibility is attainment of age 55 and completion of 10 years of service. (A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of retirement; or (B) Immediate payments equal to (A), but reduced by 0.5% for each month under age 65 when benefits begin. (C) In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants at RMA eligible locations. The main provisions of the RMA are summarized in the Appendix. (D) If certain eligibility conditions are satisfied, a temporary pension supplement (TPS) is payable to participants at TPS eligible locations retiring prior to normal retirement. The main provisions of the TPS are summarized in the Appendix.
Disability Retirement	Eligible upon total and permanent disability following completion of 10 years of service. Immediate payments equal to normal pension accrued to date of disability.
Termination	Eligible upon termination of employment after completing three years of service (five years prior to July 1, 2008). (A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of termination; or (B) Deferred payments beginning as early as age 55 equal to the normal pension accrued to the date of termination, but reduced by 0.5% for each month under age 65 when benefits begin.
Spouse Pension	Eligible upon completion of three years of service providing the participant and spouse have been married at least one year at the death of the participant (five years prior to July 1, 2008).

(A) Participant not eligible for early retirement.

Deferred payments beginning when the participant would have been age 55 equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit.

(B) Participant eligible for early retirement.

Immediate payments equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit.

Pension Increase for Retirees

Retired participants as of June 1, 2001 received a one-time ("Millennium") pension increase. The Millennium increase amounts are summarized in the Appendix.

Retirement Income Account (RIA)

Plan participation was frozen as of April 1, 2004 to newly hired (and rehired) employees.

Participants as of June 30, 2004 were given the following plan coverage choices:

(A) Continued participation and full benefit accrual under the Consolidated Pension Plan; or

(B) Frozen participation and accrued benefit amounts as of June 30, 2004 under the Consolidated Pension Plan, with future plan coverage and benefit accruals payable under a new Retirement Income Account (RIA) Plan. Note that service credits towards TPS benefit and RMA accruals and interest credits continue under the Consolidated Pension Plan to eligible participants as of the June 30, 2004 choice date.

Forms of Payment

Any participant retiring under the plan who has been married at least one year will receive his pension in the form of a reduced 50% joint and survivor annuity with his spouse as beneficiary (other forms, including a life annuity, are available if the spouse consents to the election).

Other participants will receive their benefits in the form of a life annuity.

Other options available are:

- 50%, 75%, or 100% joint and survivor
- 5, 10, or 15-year certain and life
- 50% joint and survivor with 10-year certain and life

Any form of payment other than a life annuity will be reduced based on the ages of the participant and spouse (or beneficiary) when the benefits begin using factors based on the 1994 Group Annuity Reserving Table and a 7% interest rate.

Former Bertea Employees

Participants who were employed by the Bertea unit on or before June 30, 1981 are entitled to benefits based on the greater of (A) and (B) below:

(A) The benefit unit multiplied by the years of participation.

(B) The sum of (i) and (ii) below:

(i) The Bertea monthly plan benefit for service prior to July 1, 1989.

(ii) The benefit unit multiplied by the years of participation earned after June 30, 1989.

Salary Related Benefit Formula

The employees at the following locations receive the larger of their benefit based on the benefit units discussed previously or a salary related formula:

Effective Date	Location
07-01-97	Irvine, CA (002 **H, 071**H, 083**H)
07-01-97	Lexington, KY (014**H)
07-01-97	Ogden, UT (1090014)
07-01-97	Phoenix, AZ (12300H)
07-01-97	Glendale, AZ (2360014, 23601 H)
07-01-02	Elyria, OH (Airborne) (129001 1)
07-01-03	Avon, OH (0810014)
07-01-03	Clyde, NY (02800H)

The salary related formula is as follows:

The monthly benefit for service earned after the effective date above is equal to 26.25% of average monthly compensation up to Social Security covered compensation, plus 47.60% of average monthly compensation in excess of the Social Security benefit base, reduced proportionately if benefit service is under 35 years, plus 0.5% of average monthly compensation multiplied by the number of benefit service years (earned after the effective date above) in excess of 35 (maximum five years).

A minimum benefit based on the previous benefit unit table below times base service (maximum 40 years) will be paid. Social Security covered compensation is the average of the taxable wage bases under Social Security during the 35 years ending with the employee's Social Security retirement age.

Average Monthly Compensation	Average of the highest five consecutive calendar years compensation including base salary, bonuses, overtime, incentive, etc., but excluding other compensation such as overseas allowances or moving expenses. Compensation exceeding the IRC section 401(a)(17) limit in the year of retirement or termination ($200,000 retroactively starting with the 2002 plan year) will be excluded when the average monthly compensation is determined.

Changes in Plan Provisions Since the Prior Year

- Multiple locations had an increase in benefit unit and/or increase in maximum years of participation.

Former Berea, Kentucky Hourly-Wage Employees Pension Plan (Sub Plan 002)

Effective Date	August 1, 1968, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All hourly bargaining employees at this location will become plan participants when they are hired.
Service	Years of service and participation are used to determine eligibility for benefits and the amount of benefit, respectively. Service is credited from date of hire to retirement. (A) Years of service. Beginning on the effective date, one year shall be credited for each plan year that the participant has earned 1,000 hours. If less than 1,000 hours, then 0.1-year credit will be granted for each full 170 hours of service. (B) Years of participation. Beginning on the effective date, one year shall be credited for each plan year that the participant has earned 1,700 hours. If less than 1,700 hours, then 0.1-year credit will be granted for each full 170 hours of service.
Normal Retirement	Eligibility is age 65 and completion of five years of service. The monthly benefit is the benefit unit below multiplied by the years of participation (to a maximum of the years shown).

Date of Retirement			Maximum
On or After	But Before	Benefit Unit	Years of Participation
07-01-76	06-16-77	$ 6.00[1]	30
06-16-77	07-01-78	6.75	30
07-01-78	06-16-79	7.25[1]	30
06-16-79	07-01-80	8.00	30
07-01-80	07-01-81	8.50[2]	30
07-01-81	06-16-82	9.00	30
06-16-82	06-16-83	9.50[2]	31
06-16-83	06-16-84	10.00	32
06-16-84	06-16-85	10.50	32
06-16-85	06-16-86	11.00	32
06-16-86	06-16-87	11.50	34
06-16-87	06-16-88	12.00	35
06-16-88	06-16-89	12.50	36
06-16-89	06-16-90	13.00	37
06-16-90	06-15-91	13.50	38
06-15-91	06-15-92	14.00	39
06-15-92	06-15-93	14.50	40
06-15-93	06-16-94	15.00	40
06-16-94	06-16-95	16.25	40
06-16-95	06-16-96	17.00	40
06-16-96	06-16-97	17.50	40
06-16-97	06-16-98	18.25	40
06-16-98	06-16-99	19.00	40
06-16-99	06-17-00	20.50	40
06-17-00	06-16-01	20.50	41
06-16-01	06-16-02	21.50	42
06-16-02		22.50	43
Closed			

Early Retirement

Eligibility is attainment of age 55 and completion of 10 years of service.

(A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of retirement; or

(B) Immediate payments equal to (A), but reduced (by 0.5% from age 55 to age 60 and 0.333% from age 60 to age 62, and 0.25% from age 62 to age 65) for each month under age 65 when benefits begin.

[1] Benefits will be increased by $0.75 per year of service beginning on June 16 of the year following retirement.
[2] Benefits will be increased by $0.50 per year of service beginning on June 16 of the year following retirement.

Disability Retirement	Eligible upon total and permanent disability following completion of 10 years of service. Immediate payments equal to normal pension accrued to date of disability.
Termination	Eligible upon termination of employment after completing five years of service. (A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of termination; or (B) Deferred payments beginning as early as age 55 equal to the normal pension accrued to the date of termination, but reduced as for early retirement for each month under age 65 when benefits begin.
Spouse Pension	Eligible upon completion of five years of service providing the participant and spouse have been married at least one year at the death of the participant. (A) Participant not eligible for early retirement. Deferred payments beginning when the participant would have been age 55 equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit. (B) Participant eligible for early retirement. Immediate payments equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit.

Forms of Payment	Any participant retiring under the plan who has been married at least one year will receive his pension in the form of a reduced 50% joint and survivor annuity with his spouse as beneficiary (other forms, including a life annuity, are available if the spouse consents to the election). Other participants will receive their benefits in the form of a life annuity. Other options available are: ▪ 50%, 75%, or 100 joint and survivor ▪ 5, 10, or 15-year certain and life ▪ 50% joint and survivor with 10-year certain and life Any form of payment other than a life annuity will be reduced based on the ages of the participant and spouse (or beneficiary) when the benefits begin using factors based on the 1994 Group Annuity Reserving Table and a 7% interest rate.

Changes in Plan Provisions Since the Prior Year

None.

Former Wickliffe, Ohio Hourly-Wage Employees Pension Plan (Sub-Plan 011)

Effective Date	May 1, 1966, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All hourly, bargaining employees at this location will become plan participants when they are hired.
Service	Years of service and participation are used to determine eligibility for benefits and the amount of such benefits, respectively. Service is credited from date of hire to date of retirement or other termination of employment. (A) Years of service prior to July 1, 2000. Beginning on the effective date, one year shall be credited for each plan year that the participant has earned 1,000 hours. If less than 1,000 hours, then 0.1-year credit will be granted for each full 150 hours of service. (B) Years of service after July 1, 2000. One year of service for each 12-month period of employment with prorated service (to the nearest one-tenth) for periods less than a full year. (C) Years of participation prior to July 1, 2000. Credited for each plan year that the participant has earned 1,800 hours. If less than 1,800 hours, then one-twelfth year credit will be granted for each 150 hours of service. (D) Years of participation after July 1, 2000. One year of participation for each 12-month period of employment with prorated service (to the nearest one-tenth) for periods less than a full year.
Normal Retirement	Eligibility is age 65 and completion of five years of service. The monthly benefit is the benefit unit below multiplied by the years of participation (to a maximum of the years shown.)

Date of Retirement			Maximum
On or After	But Before	Benefit Unit	Years of Participation
05-01-76	09-15-76	$ 8.25	35
09-15-76	09-15-77	8.75	35
09-15-77	09-15-78	9.25	35
09-15-78	09-15-79	10.00	36
09-15-79	09-16-80	10.50	37
09-16-80	09-16-81	11.00	37
09-16-81	09-15-82	12.00	37
09-15-82	09-15-83	12.75	38
09-15-83	09-15-84	13.50	38
09-15-84	09-15-85	14.00	40
09-15-85	09-15-86	14.50	40
09-15-86	09-15-87	15.00	40
09-15-87	09-15-88	15.50	40
09-15-88	09-15-89	16.00	40
09-15-89	09-15-90	16.50	40
09-15-90	09-15-91	17.00	40
09-15-91	09-15-92	17.50	40
09-15-92	09-15-93	18.00	40
09-15-93	09-15-94	18.50	40
09-15-94	09-15-95	19.00	40
09-15-95	09-15-96	19.50	40
09-15-96	09-15-97	20.00	41
09-15-97	09-15-98	20.50	42
09-15-98	09-15-99	21.25	43
09-15-99	09-15-00	22.00	43
09-15-00	09-15-01	23.00	43
09-15-01	09-14-02	24.00	43
09-14-02	09-15-03	27.00	43
09-15-03	09-13-04	30.00	43
09-13-04	09-12-05	31.00	43
09-12-05	09-18-06	34.00	43
09-18-06		35.00	43
Closed			

Early Retirement	Eligibility is attainment of age 60 and completion of 10 years of service. (A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of retirement; or (B) Immediate payments equal to (i), but reduced (by 0.333% from age 60 to age 62 and 0.25% per month age 62 to age 65) for each month under age 65 when benefits begin.
Disability Retirement	Eligible upon total and permanent disability following completion of 10 years of service. Immediate payments equal to normal pension accrued to date of disability.
Termination	Eligible upon termination of employment after completing five years of service. (A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of termination; or (B) Deferred payments beginning as early as age 60 equal to the normal pension accrued to the date of termination, but reduced by 0.333% for each month under age 65 when benefits begin.
Spouse Pension	Eligible upon completion of five years of service providing the participant and spouse have been married at least one year at the death of the participant. Special benefits for participants eligible to retire or who are age 55 with 25 years of service. (A) Participant not eligible for early retirement. Deferred payments beginning when the participant would have been age 60 equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit.

(B) Participant eligible for early retirement or age 55 with 25 years of service Immediate payments equal to 65% of the pension payable the date of death assuming the participant retired the day before death and elected immediate early retirement (actuarial reduction from age 65 for those not eligible for early retirement).

Forms of Payment

Any participant retiring under the Plan who has been married at least one year will receive his pension in the form of a reduced 50% joint and survivor annuity with his spouse as beneficiary (other forms, including a life annuity, are available if the spouse consents to the election).

Other participants will receive their benefits in the form of a life annuity.

Other options available are:

- 50%, 75%, or 100% joint and survivor
- 5, 10, or 15-year certain and life
- 50% joint and survivor with 10-year certain and life

Any form of payment other than a life annuity will be reduced based on the ages of the participant and spouse (or beneficiary) when the benefits begin using factors based on the 1994 Group Annuity Reserving Table and a 7% interest rate.

Changes in Plan Provisions Since the Prior Year

None.

Former Minneapolis, MC Hourly-Wage Employees Pension Plan (Sub-Plan 019)

Effective Date	June 1, 1962, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All hourly, bargaining employees at this location will become plan participants when they are hired.
Service	Years of service and participation are used to determine eligibility for benefits and the amount of such benefits, respectively. Service is credited from date of hire to date of retirement or other termination of employment. (A) Years of service prior to July 1, 2001. Beginning on the effective date, one year shall be credited for each plan year that the participant has earned 1,000 hours. If less than 1,000 hours, then 0.1-year credit will be granted for each full 170 hours of service. (B) Years of service after July 1, 2001. One year of service for each 12-month period of employment with prorated service (to the nearest one-tenth) for periods less than a full year. (C) Years of participation prior to July 1, 2001. Beginning on the effective date, one year shall be credited for each plan year that the participant has earned 1,700 hours. If less than 1,700 hours, then 0.1-year credit will be granted for each full 170 hours of service. (D) Years of participation after July 1, 2001. One year of participation for each 12-month period of employment with prorated service (to the nearest one-tenth) for periods less than a full year.

Normal Retirement

Eligibility is age 65 and completion of five years of service.

The monthly benefit is the benefit unit below multiplied by the years of participation (to a maximum of the years shown):

Date of Retirement			Maximum
On or After	But Before	Benefit Unit	Years of Participation
07-01-76	01-01-77	$ 6.00	25
01-01-77	01-01-78	7.00	25
01-01-78	01-01-79	8.00	25
01-01-79	12-15-79	9.00	25
12-15-79	12-15-80	9.50	25
12-15-80	12-15-81	10.00	25
12-15-81	02-01-84	10.50	25
02-01-84	02-01-85	11.00	25
02-01-85	02-01-87	11.50	25
02-01-87	02-01-88	12.00	25
02-01-88	02-01-89	12.50	25
02-01-89	02-01-90	13.00	25
02-01-90	02-01-91	13.50	25
02-01-91	02-01-92	14.00	25
02-01-92	02-01-93	14.50	25
02-01-93	02-01-94	15.00	25
02-01-94	02-01-95	16.00	25
02-01-95	02-01-96	16.50	26
02-01-96	02-01-97	17.25	28
02-01-97	02-01-98	18.00	30
02-01-98	02-01-99	19.00	35
02-01-99	02-01-00	20.00	36
02-01-00	02-01-01	21.00	37
02-01-01	02-01-02	24.00	38
02-01-02	02-01-03	26.00	39
02-01-03		28.00	40
Closed			

Early Retirement	Eligibility is attainment of age 60 and completion of 10 years of service. (A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of retirement; or (B) Immediate payments equal to (A), but reduced by 0.6% for each month under age 65 when benefits begin.
Disability Retirement	Eligible upon total and permanent disability following completion of 10 years of service. Immediate payments equal to normal pension accrued to date of disability.
Termination	Eligible upon termination of employment after completing five years of service. (A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of termination; or (B) Deferred payments beginning as early as age 60 equal to the normal pension accrued to the date of termination, but reduced by 0.6% for each month under age 65 when benefits begin.
Spouse Pension	Eligibility is upon completion of five years of service providing the participant and spouse have been married at least one year at the death of the participant. (A) Participant not eligible for early retirement. Deferred payments beginning when the participant would have been age 60 equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit. (B) Participant eligible for early retirement. Immediate payments equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit.

Forms of Payment	Any participant retiring under the plan who has been married at least one year will receive his pension in the form of a reduced 50% joint and survivor annuity with his spouse as beneficiary (other forms, including a life annuity, are available if the spouse consents to the election). Other participants will receive their benefits in the form of a life annuity. Other options available are: ▪ 50%, 75%, or 100% joint and survivor ▪ 5, 10, or 15-year certain and life ▪ 50% joint and survivor with 10-year certain and life Any form of payment other than a life annuity will be reduced based on the ages of the participant and spouse (or beneficiary) when the benefits begin using factors based on the 1994 Group Annuity Reserving Table and a 7% interest rate.

Changes in Plan Provisions Since the Prior Year

None.

Former Retirement Plan (Sub-Plan 050)

Effective Date	June 10, 1953, as restated July 1, 2007 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All salaried employees at locations covered by the plan will become plan participants on the first day of the month after they have had 12 continuous months of employment (and worked 1,000 hours in a 12-month period).
Vesting Service	Prior to June 30, 1976, vesting service was based on continuous and uninterrupted employment, and after that date a year's credit is given for each 12-month period (beginning on July 1 each year) of employment. Prorated service is granted (to the nearest one-tenth) for periods less than a full year.
Benefit Service	Continuous and uninterrupted employment as an eligible employee up to June 30, 1976, plus credit after that date for each one-tenth of a year of employment during which the employee is eligible to receive benefit service credit (used to determine the amount of the benefit determined under the salary formula).
Basic Service	Continuous and uninterrupted employment as an eligible employee up to June 30, 1976 plus a full year's credit for each plan year thereafter in which at least 1,700 hours of service are performed. If less than 1,700 hours are worked during a year, then fractional credit to nearest one-tenth is granted for each 170 hours worked (used to determine the minimum benefit).
Average Monthly Compensation	Average of the highest five consecutive calendar years compensation including base salary, bonuses, overtime, incentive, etc., but excluding other compensation such as overseas allowances or moving expenses. Compensation exceeding the IRC section 401(a)(17) limit in the year of retirement or termination ($200,000 retroactively starting with the 2002 plan year) will be excluded when the average monthly compensation is determined.

Normal Retirement

Eligibility is attainment of age 65.

The monthly benefit is equal to 26.25% of average monthly compensation up to Social Security covered compensation, plus 47.60% of average monthly compensation in excess of the Social Security benefit base, reduced proportionately if benefit service is under 35 years, plus 0.5% of average monthly compensation multiplied by the number of benefit service years in excess of 35 (maximum five years). A minimum benefit based on the benefit unit table below times basic service (maximum 40 years) will be paid. The portion of benefit payable for service prior to July 1, 1976 cannot be less than the monthly amount actuarially equivalent to the value of the profit sharing balance at age 65. Social Security covered compensation is the average of the taxable wage bases under Social Security during the 35 years ending with the employee's Social Security retirement age.

Date of Retirement		Minimum
On or After	But Before	Benefit Unit
07-01-89	01-01-01	$12.50
01-01-01	01-01-02	$15.00
01-01-02	01-01-03	$18.00
01-01-03		$21.00

In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants at RMA eligible locations. The main provisions of the RMA are summarized in the Appendix.

Early Retirement

Eligibility is attainment of age 55 and completion of 10 years of vesting service.

Benefit is equal to either: (i) Deferred benefit payable at age 65 equal to the normal pension but using average monthly compensation at time of early retirement and using his years of service only to the retirement date, or (ii) An immediate pension equal to (i) but reduced 0.5% for each month that early retirement precedes normal retirement date.

	In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants at RMA eligible locations. The main provisions of the RMA are summarized in the Appendix. If certain eligibility conditions are satisfied, a temporary pension supplement (TPS) is payable to participants at TPS eligible locations retiring prior to normal retirement. The main provisions of the TPS are summarized in the Appendix.
Termination	Eligible after three or more years of vesting service (five years prior to July 1, 2008). Deferred vested benefit equal to the normal retirement benefit payable at age 65, or payable as early as age 55, if reduced as for early retirement.
Prior Profit Sharing Plan	All participants in the Profit Sharing Plan, which was converted to this plan on June 30, 1976, are fully vested in their account balance on that date. Thereafter, the account balance (with interest at 6% per year) will be paid to the employee (or beneficiary) at his retirement, termination or death. Payment of the account balance at retirement or termination (or a withdrawal or transfer of the account balance to the Parker Savings Plan before retirement or termination) will actuarially reduce the pension payable from the plan. The actuarial reduction for this purpose is determined using the UP 1984 Unisex Mortality Table and a 6% interest rate.
Preretirement Spouse's Benefit	Eligible upon the death of an active employee while eligible for a vested retirement benefit providing the employee had been married for one year preceding his date of death. The benefit payable to the surviving spouse is determined as though the employee had retired the day before he died, taken early retirement, and accepted the 50% joint and survivor option.
Post Termination Spouse's Benefit	Eligible upon the death of a former employee while eligible for a vested benefit providing the employee had been married for one year preceding his date of death.

	If the former employee dies after the attainment of age 55, the benefit payable to the surviving spouse is determined as though the former employee had commenced payments the day before he died and accepted the 50% joint and survivor option. If the former employee dies prior to the attainment of age 55, the benefit payable to the surviving spouse is determined as though the former employee had survived to age 55 and commenced payments on his fifty-fifth birthday under the 50% joint and survivor option.
Pension Increase for Retirees	Retired participants as of June 1, 2001 received a one-time ("Millennium") pension increase. The Millennium increase amounts are summarized in the Appendix.
Retirement Income Account (RIA)	Plan participation was frozen as of April 1, 2004 to newly hired (and rehired) employees. Participants as of June 30, 2004 were given the following plan coverage choices: (A) Continued participation and full benefit accrual under the Consolidated Pension Plan; or (B) Frozen participation and accrued benefit amounts as of June 30, 2004 under the Consolidated Pension Plan, with future plan coverage and benefit accruals payable under a new Retirement Income Account (RIA) Plan. Note that service credits towards TPS benefit and RMA accruals and interest credits continue under the Consolidated Pension Plan to eligible participants as of the June 30, 2004 choice date.
Forms of Payment	A married employee shall receive his benefit on a 50% joint and survivor actuarially equivalent reduced basis unless the employee elects (with spousal consent) a life annuity. A single employee shall receive the benefit on a life annuity basis. Other options are available: ▪ 50%, 75%, or 100% joint and survivor ▪ 5, 10, or 15-year certain and life ▪ 50% joint and survivor with 10-year certain and life

Participants on June 30, 1994

Employees who were participants in the Parker Hannifin Corporation Retirement Plan as of June 30, 1994 are entitled to benefits based on the greater of (A) and (B) below:

(A) The monthly benefit based on the normal retirement formula as outlined above for all years of benefit service.

(B) The sum of (i) and (ii) below:

(i) The monthly benefit accrued as of June 30, 1994 for years of benefit service prior to July 1, 1994.

(ii) The monthly benefit based on the normal retirement formula as outlined above for years of benefit service after June 30, 1994.

Changes in Plan Provisions Since the Prior Year

None.

Former Wake Forest, NC Hourly-Wage Employees Pension Plan (Sub-Plan 102)

Effective Date	January 1, 1968, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All hourly, bargaining employees at the Wake Forest, NC, Los Angeles, CA, or Livonia, MI locations will become plan participants when they are hired.
Service	Years of service and participation are used to determine eligibility for benefits and the amount of such benefits, respectively. Service is credited from date of hire to date of retirement or other termination of employment. (A) Years of service. Beginning on January 1, 1976, one year shall be credited for each calendar year that the participant has earned 1,000 hours. If less than 1,000 hours, then 0.1-year credit will be granted for each full 100 hours of service. (B) Years of participation. Beginning on January 1, 1976, one year shall be credited for each calendar year that the participant has earned 1,700 hours. If less than 1,700 hours, then 0.1-year credit will be granted for each full 170 hours of service.
Normal Retirement	Eligibility is age 65 and completion of five years of service. The monthly benefit is the benefit unit below multiplied by the years of participation service (to a maximum of the years shown).

Date of Retirement			Maximum
On or After	But Before	Benefit Unit	Years of Participation
01-01-68	09-24-82	$ 4.00	30
09-24-82	09-28-85	6.50[1]	30
09-28-85	01-01-88	8.00[2]	30
01-01-88	10-01-88	10.00	30
10-01-88	10-01-89	10.75	30
10-01-89	10-01-90	11.25	30
10-01-90	10-01-91	11.75	30
10-01-91	10-01-92	12.50	30
10-01-92	10-01-93	13.25	30
10-01-93	10-01-94	13.75	30
10-01-94	10-01-95	14.50	30
10-01-95	10-01-96	15.50	31
10-01-96	10-01-97	16.00	32
10-01-97	10-01-98	16.50	33
10-01-98	10-01-99	17.50	34
10-01-99	10-01-00	18.75	34
10-01-00	Closed	19.50	35

Early Retirement

Eligibility is attainment of age 55 and completion of 10 years of service.

(A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of retirement; or

(B) Immediate payments equal to (A), but reduced by 0.5% for each month under age 65 when benefits begin.

Disability Retirement

Eligible upon total and permanent disability following completion of 10 years of service.

Immediate payments equal to normal pension accrued to date of disability.

Termination

Eligible upon termination of employment after completing five years of service.

[1] Participants retiring on or after September 24, 1982 will be paid the $8.00 benefit unit beginning January 1, 1986 including retroactive payments from their actual retirement.

[2] Participants retiring on or after September 28, 1985 will be paid the $10.00 benefit unit beginning January 1, 1988 including retroactive payments from their actual retirement.

(A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of termination; or

(B) Deferred payments beginning as early as age 55 equal to the normal pension accrued to the date of termination, but reduced by 0.5% for each month under age 65 when benefits begin.

Spouse Pension

Eligible upon completion of five years of service providing the participant and spouse have been married at least one year at the death of the participant.

(A) Participant not eligible for early retirement.

Deferred payments beginning when the participant would have been age 55 equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit.

(B) Participant eligible for early retirement.

Immediate payments equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit.

Forms of Payment

Any participant retiring under the plan who has been married at least one year will receive his pension in the form of a reduced 50% joint and survivor annuity with his spouse as beneficiary (other forms, including a life annuity, are available if the spouse consents to the election).

Other participants will receive their benefits in the form of a life annuity.

Changes in Plan Provisions Since the Prior Year

None.

Former Akron, PH (Morgan Ave.) Hourly-Wage Employees Pension Plan (Sub-Plan 103)

Effective Date

April 14, 1965, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.

Eligibility

All hourly, bargaining employees at this location will become plan participants following completion of one year of service.

Service

(A) Years of service are credited on an elapsed time basis to the nearest 0.1 year.

(B) Years of participation are credited on an elapsed time basis to the nearest 0.1 year.

Normal Retirement

Eligibility is age 65 and five years of service.

The monthly benefit is the benefit unit below multiplied by the years of participation (no limit on years of participation).

Date of Retirement		
On or After	**But Before**	**Benefit Unit**
11-01-76	11-01-78	$ 7.00
11-01-78	11-01-79	$ 8.00
11-01-79	11-01-80	$ 9.00
11-01-80	11-01-81	$ 9.50
11-01-81	01-01-86	$10.00
01-01-86	11-01-87	$12.00[1]
11-01-87	11-06-88	$13.00[2]
11-06-88	11-06-89	$13.75[3]
11-06-89	11-05-90	$14.25[4]

[1] Participants retiring on or after November 1, 1981 will be paid the $12.00 benefit unit beginning January 1, 1986 including retroactive payments from their actual retirement.

[2] Participants retiring on or after November 4, 1985 will be paid the $13.00 benefit unit beginning November 1, 1987 including retroactive payments from their actual retirement.

[3] Participants retiring on or after November 7, 1988 will be paid the $14.25 benefit unit beginning November 6, 1989 including retroactive payments from their actual retirement.

[4] Participants retiring on or after November 6, 1989 will be paid the $14.75 benefit unit beginning November 5, 1990 including retroactive payments from their actual retirement.

Date of Retirement		
On or After	But Before	Benefit Unit
11-05-90	11-02-91	$14.75
11-02-91	11-01-92	$15.00
11-01-92	11-01-93	$15.75
11-01-93	11-01-94	$16.50
11-01-94	11-01-95	$17.25
11-01-95	11-01-96	$18.00
11-01-96	11-03-97	$18.75
11-03-97	11-03-98	$19.75
11-03-98	11-03-99	$20.75
11-03-99	11-03-00	$21.75
11-03-00	11-03-01	$22.75
11-03-01	11-03-02	$24.75
11-03-02	11-02-03	$26.00
11-02-03	11-07-04	$27.25
11-07-04	Closed	$28.50

Early Retirement

Eligibility is attainment of age 55 and completion of 10 years of service.

(A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of retirement; or

(B) Immediate payments equal to (A), but reduced by 0.5% per month under age 65 for early commencement.

Note: *Retroactive benefits will be paid to eligible early retirees.*

Disability Retirement

Eligible upon total and permanent disability following completion of age 40 and 10 years of service. (The age 40 requirement is deleted effective November 4, 1985.)

Immediate payments equal to normal pension accrued to date of disability.

Note: *Retroactive benefits will be paid to eligible disabled employees.*

Termination

Eligible upon termination of employment after completing five years of service.

(A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of termination; or

(B) Deferred payments beginning as early as age 55 equal to the normal pension accrued to the date of termination, but reduced by 0.5% for each month under age 65 when benefits begin.

Note: *Terminated employees are not eligible for the increased retroactive benefits.*

Spouse Pension

Eligible upon completion of five years of service providing the participant and spouse have been married at least one year at the death of the participant.

(A) Participant not eligible for early retirement.

Deferred payments beginning when the participant would have been age 55 equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit.

(B) Participant eligible for early retirement.

Immediate payments equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit.

Forms of Payment

Any participant retiring under the plan who has been married at least one year will receive his pension in the form of a reduced 50% joint and survivor annuity with his spouse as beneficiary (other forms, including a life annuity, are available if the spouse consents to the election).

Other participants will receive their benefits in the form of a life annuity.

Changes in Plan Provisions Since the Prior Year

None.

Former Akron, OH (Home Ave.) Hourly-Wage Employees Pension Plan (Sub-Plan 104)

Effective Date	January 1, 1966, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All hourly, bargaining employees at this location will become plan participants following completion of one year of service.
Service	Years of service and participation are used to determine eligibility for benefits and the amount of such benefits, respectively. Service is credited from date of hire to date of retirement or other termination of employment. (A) Years of service. Beginning on the effective date, one year shall be credited for each calendar year that the participant has earned 1,000 hours. If less than 1,000 hours, then one-year credit will be granted for each full 100 hours of service. (B) Years of participation. Beginning on the effective date, one year shall be credited for each plan year that the participant has earned 1,000 hours. If less than 1,000 hours, then 0.1-year credit will be granted for each full 100 hours of service.
Normal Retirement	Eligibility is age 65 and five years of service. The monthly benefit is the benefit unit below multiplied by the years of participation (no limit on years of participation).

Date of Retirement		
On or After	But Before	Benefit Unit
01-01-76	10-01-76	$ 5.50
10-01-76	10-01-77	$ 6.00
10-01-77	10-01-78	$ 7.00
10-01-78	10-01-79	$ 7.50
10-01-79	10-01-80	$ 8.00
10-01-80	10-01-83	$ 9.00
10-01-83	09-01-87	$10.50[1]
09-01-87	10-01-88	$12.00
10-01-88	10-01-89	$12.50
10-01-89	10-08-90	$13.25
10-08-90	10-06-91	$14.00
10-06-91	10-04-92	$14.50
10-04-92	10-04-93	$15.00
10-04-93	10-03-94	$15.75
10-03-94	10-07-96	$16.25
10-07-96	10-06-97	$17.75
10-06-97	10-05-98	$18.50
10-05-98	10-01-99	$19.50
10-01-99	10-01-00	$20.50
10-01-00	09-30-01	$22.50
09-30-01	10-06-02	$23.50
10-06-02	10-05-03	$24.50
10-05-03	10-04-04	$25.50
10-04-04	10-03-05	$26.50
10-03-05	10-02-06	$27.50
10-02-06	10-01-07	$28.50
10-01-07	10-06-08	$29.50
10-06-08	10-05-09	$30.50
10-05-09	10-04-10	$31.50
10-04-10	10-03-11	$32.50
10-03-11	10-03-12	$33.50
10-03-12	10-04-15	$37.00
04-28-16	Closed	$38.00

[1] Participants retiring on or after October 1, 1984 will be paid the $12.00 benefit unit beginning September 1, 1987 including retroactive payments from their actual retirement.

Early Retirement

Eligibility is attainment of age 55 and completion of 10 years of service.

(A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of retirement; or

(B) Immediate payments equal to (A), but reduced actuarially for commencement prior to age 65 as set forth below:

Commencement Age	Early Commencement Factor
55	0.4025
56	0.4380
57	0.4771
58	0.5205
59	0.5686
60	0.6220
61	0.6816
62	0.7480
63	0.8225
64	0.9060
65	1.0000

Note: *Retroactive benefits will be paid as for normal retirement.*

Disability Retirement

Eligible upon total and permanent disability following completion of 10 years of service.

Immediate payments equal to normal pension accrued to date of disability.

Note: *Retroactive benefits will be paid as for normal retirement.*

Termination

Eligible upon termination of employment after completing five years of service.

(A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of termination; or

(B) Deferred payments beginning as early as age 55 equal to the normal pension accrued to the date of termination, but reduced actuarially for commencement prior to age 65.

Note: *Terminated employees are not eligible for the increased retroactive benefits.*

Spouse Pension

Eligible upon completion of five years of service providing the participant and spouse have been married at least one year at the death of the participant.

(A) Participant not eligible for early retirement.

Deferred payments beginning when the participant would have been age 55 equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit.

(B) Participant eligible for early retirement.

Immediate payments equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected immediate early retirement with the 50% joint and survivor benefit.

Forms of Payment

Any participant retiring under the plan who has been married at least one year will receive his pension in the form of a reduced 50% joint and survivor annuity with his spouse as beneficiary (other forms, including a life annuity, are available if the spouse consents to the election).

Other participants will receive their benefits in the form of a life annuity.

Other options available are:

- 50%, 75%, or 100% joint and survivor
- 5, 10, or 15-year certain and life
- 50% joint and survivor with 10-year certain and life

Any form of payment other than a life annuity will be reduced based on the ages of the participant and spouse (or beneficiaries) when the benefits begin.

Changes in Plan Provisions Since the Prior Year

None.

Former Forest, Ohio Hourly-Wage Employees Pension Plan (Sub-Plan 112)

Effective Date	May 16, 1969, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All hourly, bargaining employees at this location will become plan participants when they are hired. Effective May 30, 2003, the Forest, OH plant closed. All current active participants were terminated and future plan participation was frozen.
Service	Years of service and participation are used to determine the eligibility for benefits and the amount of such benefits, respectively. Service is credited from date of hire to date of retirement or other termination of employment. (A) Years of service prior to July 1, 2000. Beginning on the effective date, one year shall be credited for each plan year that the participant has earned 1,000 hours. If less than 1,000 hours, then 0.1-year credit will be granted for each full 100 hours of service. (B) Years of service after July 1, 2000. One year of service for each 12-month period of employment with prorated service (to the nearest one-tenth) for periods less than a full year. (C) Years of participation prior to July 1, 2000. Beginning on the effective date, one year shall be credited for each plan year that the participant has earned 1,615 hours. If less than 1,615 hours, then 0.1-year credit will be granted for each full 170 hours of service. (D) Years of participation after July 1, 2000. One year of participation for each 12-month period of employment with prorated service (to the nearest one-tenth) for periods less than a full year.
Normal Retirement	Eligibility is age 65 and completion of five years of service.

The monthly benefit is the benefit unit below multiplied by the years of participation (no limit on years of participation).

Date of Retirement		
After	**Before**	**Benefit Unit**
05-16-69	07-01-81	$10.75
07-01-81	07-01-82	$14.00
07-01-82	07-01-83	$14.75
07-01-83	07-01-85	$15.50
07-01-85	07-01-86	$16.00
07-01-86	07-01-87	$16.50
07-01-87	07-01-88	$17.00
07-01-88	07-01-89	$17.50
07-01-89	11-15-93	$18.00
11-15-93	05-15-95	$19.00
05-15-95	05-15-96	$19.50
05-15-96	11-25-96	$20.00
11-25-96	05-17-98	$21.00
05-17-98	05-16-99	$22.00
05-16-99	05-15-00	$22.75
05-15-00	05-15-01	$24.00
05-15-01	05-13-02	$25.00
05-13-02		$25.75
Closed		

Early Retirement

Eligibility is attainment of age 60 and completion of 10 years of service.

(A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of retirement; or

(B) Immediate payments equal to (A), but reduced by 0.5% for each month under age 62 when benefits begin.

Disability Retirement

No disability benefit applies.

Termination	Eligible upon termination of employment after completing five years of service. (A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of termination; or (B) Deferred payments beginning as early as age 60 equal to the normal pension accrued to the date of termination, but reduced by 0.5% for each month under age 65 when benefits begin.
Spouse Pension	Eligible upon completion of five years of service providing the participant and spouse have been married at least one year at the death of the participant. Participants who fail to meet these eligibility requirements will receive a lump sum death benefit payable to the estate of $250 multiplied by the years of participation. (A) Participant not eligible for early retirement. Immediate payments equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 55% joint and survivor benefit (Option A). The benefits are reduced ½% per month from age 62 for early commencement if the employee was between the ages of 60 and 62 at date of death. If the employee was less than age 60 at date of death, the benefits are reduced 12% for early commencement. (B) Participant eligible for early retirement. Immediate payments equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 55% joint and survivor benefit (Option A).

Forms of Payment	Any participant retiring under the plan who has been married at least one year will receive his pension in the form of a 55% joint and survivor annuity with his spouse as beneficiary (other forms, including a life annuity, are available if the spouse consents to the election). Other participants will receive their benefits in the form of a life annuity. Other options available are: ▪ 55% or 100% joint and survivor ▪ 5 or 10-year certain and life Any form of payment other than a life annuity and joint and survivor options will be reduced based on the ages of the participant and spouse (or beneficiary) when the benefits begin using factors based on the 1983 Group Annuity Mortality Table (adjusted for 50% male and 50% female content) and a 7% interest rate.
Special Medicare Reimbursement Benefit	To compensate for Medicare Part B premiums, the benefit payable to any retiree or surviving spouse is increased by $20 per month upon attainment of age 65.
Special Termination Benefits	Active employees at the time of the May 30, 2003 plant closing became eligible for the following additional benefits: ▪ Unreduced retirement at age 60 for participants age 60 and over with 10 or more years of service; ▪ An additional five years of service for participants hired after October 8, 1989 with five or more years of service; ▪ Additional years of service to get to five years of total service for participants with less than five years of service.

Changes in Plan Provisions Since the Prior Year

None.

Former Lebanon, IN Hourly-Wage Employees Pension Plan (Sub-Plan 115)

Effective Date	January 1, 1964, as restated July 1, 2007 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All hourly, bargaining employees at this location will become plan participants when they have completed one year of service.
Service	Years of service and participation are used to determine eligibility for benefits and the amount of such benefits, respectively. Service is credited from date of hire to retirement or other termination of employment. (A) Years of service are credited on an elapsed time basis to the nearest one-twelfth of a year. (B) Years of participation are credited on an elapsed time basis to the nearest one-twelfth of a year (based on continuous service).
Normal Retirement	Eligibility is age 65 and completion of five years of service. The monthly benefit is the benefit unit below multiplied by the years of participation (no limit on years of participation).

Date of Retirement		
After	**Before**	**Benefit Unit**
01-01-64	04-01-67	$ 2.00
04-01-67	11-01-84	$13.00
11-01-84	11-01-86	$13.50[1]
11-01-86	11-01-87	$14.50[1]
11-01-87	11-01-88	$15.00[1]
11-01-88	11-01-89	$15.25[1]
11-01-89	10-20-90	$15.50[1]
10-20-90	10-19-91	$16.25
10-19-91	10-24-92	$16.75
10-24-92	11-01-93	$17.25[2]
11-01-93	11-02-94	$18.25[2]
11-02-94	11-01-95	$19.00[2]
11-01-95	11-01-96	$19.50[2]
11-01-96	11-01-97	$20.25[2]
11-01-97	11-01-98	$21.00[2]
11-01-98	11-01-99	$21.75[2]
11-01-99		$22.50
Closed		

Early Retirement

Eligibility is attainment of age 55.

(A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of retirement; or

(B) Immediate payments equal to (A), but actuarially reduced for each month under age 65 when benefits begin.

[1] $2.00 benefit unit for service before April 1, 1967.
[2] Participants retiring at any time during a contract period will receive the benefit in effect at the end of the period when those increases occur.

Age	Reduction Factor
55	0.411
56	0.445
57	0.483
58	0.525
59	0.571
60	0.623
61	0.681
62	0.747
63	0.821
64	0.905
65	1.000

Disability Retirement

Eligible upon total and permanent disability following completion of 10 years of service.

Immediate payments equal to normal pension accrued to date of disability.

Termination

Eligible upon termination of employment after completing five years of service.

(A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of termination; or

(B) Deferred payments beginning as early as age 55 equal to the normal pension accrued to the date of termination, but actuarially reduced as set forth in the "Early Retirement" section for each month under age 65 when benefits begin.

Spouse Pension

Eligible upon completion of five years of service providing the participant and spouse have been married at least one year at the death of the participant.

(A) Participant not eligible for early retirement.

Deferred payments beginning when the participant would have been age 55 equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit.

(B) Participant eligible for early retirement is eligible for the following alternatives:

(i) Immediate payments equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit option.

(ii) 60 guaranteed payments of 100% of the normal pension accrued to the date of death.

(iii) 120 guaranteed payments of 50% of the normal pension accrued to the date of death.

Forms of Payment

Any participant retiring under the plan who has been married at least one year will receive his pension in the form of a reduced 50% joint and survivor annuity with his spouse as beneficiary (other forms, including a life annuity, are available if the spouse consents to the election).

Other participants will receive their benefits in the form of a life annuity.

Other options available are:

- 50%, 75%, or 100% joint and survivor
- 5, 10, or 15-year certain and life
- 50% joint and survivor with 10-year certain and life

Any form of payment other than a life annuity will he reduced based on the ages of the participant and spouse (or beneficiary) when the benefits begin using factors based on the 1994 Group Annuity Reserving Table and a 7% interest rate.

Changes in Plan Provisions Since the Prior Year

None.

Former Tell City, IN Hourly-Wage Employees Pension Plan (Sub-Plan 116)

Effective Date

January 1, 1964, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.

Eligibility

All hourly, bargaining employees at this location will become plan participants when they have completed one year of service.

Service

Years of service and participation are used to determine eligibility for benefits and the amount of such benefits, respectively. Service is credited from date of hire to retirement or other termination of employment.

(A) Years of service are credited on an elapsed time basis to the nearest 0.1 year.

(B) Years of participation are credited on an elapsed time basis to the nearest 0.1 year.

Normal Retirement

Eligibility is age 65 and completion of five years of service.

The monthly benefit is the benefit unit below multiplied by the years of participation (no limit on years of participation).

Date of Retirement		
On or After	**But Before**	**Benefit Unit**
01-01-64	05-01-82	
05-01-82	05-01-85	$ 8.00
05-01-85	05-01-86	$ 9.50
05-01-86	05-01-87	$ 9.85
05-01-87	05-01-88	$10.15
05-01-88	04-16-89	$10.50
04-16-89	04-16-90	$11.00
04-16-90	05-01-91	$11.50
05-01-91	05-01-92	$12.00
05-01-92	05-01-93	$12.75[1]
05-01-93	05-01-94	$13.50[1]
05-01-94	05-01-95	$14.25[1]

[1] Participants retiring at any time during a contract period will receive the benefit in effect at the end of the period when those increases occur.

Date of Retirement		
On or After	But Before	Benefit Unit
05-01-95	05-01-96	$15.00
05-01-96	05-01-97	$15.50
05-01-97	05-01-98	$16.25
05-01-98	05-01-99	$17.00
05-01-99	05-01-00	$17.50
05-01-00	05-01-01	$18.00
05-01-01	05-01-02	$19.00
05-01-02	05-01-03	$19.75
05-01-03	05-01-04	$20.50
05-01-04	05-01-05	$21.25
05-01-05	05-01-06	$22.25
05-01-06	04-30-07	$22.75
04-30-07	04-28-08	$23.25
04-28-08	04-29-09	$23.75
04-29-09	05-01-10	$24.25
05-01-10	05-02-11	$24.75
05-02-11	04-30-12	$25.25
04-30-12	08-05-13	$25.50
08-05-13	08-04-14	$25.90
08-04-14	08-03-15	$26.30
08-03-15	08-01-16	$26.70
08-01-16	03-12-17	$27.00
03-13-17	03-11-18	$27.50
03-12-18	03-10-19	$27.90
03-11-19	03-08-20	$28.30
03-09-20		$28.65

Early Retirement

Eligibility is attainment of age 55.

(A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of retirement; or

(B) Immediate payments equal to (A), but actuarially reduced for each month under age 65 when benefits begin as set forth below:

Commencement Age	Commencement Early Factor
55	0.4110
56	0.4450
57	0.4830
58	0.5250
59	0.5710
60	0.6230
61	0.6810
62	0.7470
63	0.8210
64	0.9050
65	1.0000

Disability Retirement

Eligible upon total and permanent disability following completion of 10 years of service.

Immediate payments equal to the normal retirement pension based on service accrued to date of disability plus future service from date of disability to age 65, reduced actuarially for commencement prior to age 65.

Termination

Eligible upon termination of employment after completing five years of service.

(A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of termination; or

(B) Deferred payments beginning as early as age 55 equal to the normal pension accrued to the date of termination, but actuarially reduced for each month under age 65 when benefits begin.

Spouse Pension

Eligible upon completion of five years of service providing the participant and spouse have been married at least one year at the death of the participant.

(A) Participant not eligible for early retirement.

Deferred payments beginning when the participant would have been age 55 equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit.

(B) Participant eligible for early retirement is eligible for the following alternatives:

(i) Immediate payments equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit.

(ii) 60 guaranteed payments of 100% of the normal pension accrued to the date of death.

(iii) 120 guaranteed payments of 50% of the normal pension accrued to the date of death.

Forms of Payment

Any participant retiring under the plan who has been married at least one year will receive his pension in the form of a reduced 50% joint and survivor annuity with his spouse as beneficiary (other forms, including a life annuity, are available if the spouse consents to the election).

Other participants will receive their benefits in the form of a life annuity.

Other options available are:

- 25%, 50%, 75%, or 100% joint and survivor
- 5, 10, or 15-year certain and life
- 50% joint and survivor with 10-year certain and life

Any form of payment other than a life annuity will be reduced based on the ages of the participant and spouse (or beneficiary) when the benefits begin using factors based on the 1994 Group Annuity Reserving Table and a 7% interest rate.

Changes in Plan Provisions Since the Prior Year

- Increase in benefit unit and/or increase in the maximum years of participation.

Former Canton, PA Hourly-Wage Employees Pension Plan (Sub-Plan 117)

Effective Date	July 1, 1987, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All hourly, bargaining employees at this location will become plan participants when they are hired.
Service	Years of service and participation are used to determine eligibility for benefits and the amount of such benefits, respectively. Service is credited from date of hire to date of retirement or other termination of employment. (A) Years of service. Beginning on the effective date, one year shall be credited for each plan year that the participant has earned 1,000 hours. If less than 1,000 hours, then 0.1-year credit will be granted for each full 170 hours of service. Effective July 1, 2005, the plan was amended to calculate years of service based on elapsed time. (B) Years of participation. Beginning on the effective date, one year shall be credited for each plan year that the participant has earned 1,700 hours. If less than 1,700 hours, then 0.1-year credit will be granted for each full 170 hours of service. Effective July 1, 2005, the plan was amended to calculate years of participation based on elapsed time.
Normal Retirement	Eligibility is age 65 and completion of five years of service. The monthly benefit is the benefit unit below multiplied by the years of participation (to a maximum of the years shown).

Date of Retirement			Maximum
On or After	But Before	Benefit Unit	Years of Participation
07-01-87	07-01-88	$13.00	35
07-01-88	07-01-89	13.50	35
07-01-89	07-01-90	14.00	35
07-01-90	07-01-91	14.50	36
07-01-91	07-01-92	15.00	37
07-01-92	07-01-93	15.50	38
07-01-93	07-01-94	16.00	39
07-01-94	07-01-95	16.50	40
07-01-95	07-01-96	17.00	40
07-01-96	07-01-97	18.00	41
07-01-97	07-01-98	18.50	42
07-01-98	07-01-99	19.00	43
07-01-99	07-01-00	20.50	43
07-01-00	07-01-01	21.50	43
07-01-01	07-01-02	22.50	43
07-01-02	07-01-03	25.50	43
07-01-03	07-01-04	26.50	43
07-01-04	05-02-05	27.50	43
05-02-05	05-02-06	28.50	45
05-02-06	05-07-07	29.50	45
05-07-07	04-21-08	31.50	45
04-21-08	04-20-09	35.00	50
04-20-09	04-19-10	35.50	50
04-19-10		36.00	50
Closed			

Note: *Benefit for service prior to the effective date is offset by the vested benefit earned from IAM Plan A.*

Early Retirement

Eligibility is attainment of age 55 and completion of 10 years of service.

(A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of retirement; or

(B) Immediate payments equal to (A), but reduced by 0.5% for each month under age 65 when benefits begin.

Disability Retirement	Eligible upon total and permanent disability following completion of 10 years of service. Immediate payments equal to normal pension accrued to date of disability.
Termination	Eligible upon termination of employment after completing five years of service. (A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of termination; or (B) Deferred payments beginning as early as age 55 equal to the normal pension accrued to the date of termination, but reduced by 0.5% for each month under age 65 when benefits begin.
Spouse Pension	Eligible upon completion of five years of service providing the participant and spouse have been married at least one year at the death of the participant. (A) Participant not eligible for early retirement. Deferred payments beginning when the participant would have been age 55 equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit. (B) Participant eligible for early retirement. Immediate payments equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit.

Forms of Payment	Any participant retiring under the plan who has been married at least one year will receive his pension in the form of a reduced 50% joint and survivor annuity with his spouse as beneficiary (other forms, including a life annuity, are available if the spouse consents to the election). Other participants will receive their benefits in the form of a life annuity. Other options available are: ▪ 50%, 75%, or100% joint and survivor ▪ 5, 10, or 15-year certain and life ▪ 50% joint and survivor with 10-year certain and life Any form of payment other than a life annuity will be reduced based on the ages of the participant and spouse (or beneficiary) when the benefits begin using factors based on the 1994 Group Annuity Reserving Table and a 7% interest rate.

Changes in Plan Provisions Since the Prior Year

None.

Former Green Camp, OH Hourly-Wage Employees Pension Plan (Sub-Plan 123)

Effective Date	January 1, 1985, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All hourly bargaining employees at this location will become plan participants when they are hired.
Service	Years of service and participation are used to determine eligibility for benefits and the amount of benefits, respectively. Service is credited from date of hire to date of retirement or other termination of employment. (A) Years of service prior to July 1, 1998. Beginning on July 1, 1989, one year shall be credited for each plan year that the participant has earned 1,000 hours. (B) Years of service after July 1, 1998. One year of service for each 12-month period of employment with prorated service (to the nearest one-tenth) for periods less than a full year. (C) Years of participation prior to July 1, 1998. Beginning July 1, 1989, one year shall be credited for each plan year that the participant has earned 1,600 hours. If less than 1,600 hours, then 0.1-year credit will be granted for each full 1.60 hours of service. (D) Years of participation after July 1, 1998. One year of participation for each 12-month period of employment with prorated service (to the nearest one-tenth) for periods less than a full year.
Normal Retirement	Eligible at age 65. The monthly benefit is the benefit unit below multiplied by the years of participation (no limit on years of participation).

Date of Retirement		
On or After	**But Before**	**Benefit Unit**
01-01-85	08-03-89	$10.00
08-03-89	08-06-90	$10.75
08-06-90	08-05-91	$11.25
08-05-91	08-03-92	$12.00
08-03-92	08-01-93	$13.00
08-01-93	08-01-94	$13.75
08-01-94	08-01-95	$14.50
08-01-95	08-01-96	$15.50
08-01-96	08-01-97	$16.50
08-01-97	08-01-98	$17.00
08-01-98	08-01-99	$20.00
08-01-99	08-01-00	$20.50
08-01-00	06-25-01	$21.00
06-25-01	08-03-02	$23.00
08-03-02	08-02-03	$24.00
08-02-03		$25.00
Closed		

Early Retirement

Eligible upon completion of 30 years of service or attainment of age 55 and completion of 10 years of service, with at least five years of service earned while an employee of Stratoflex, Inc. or Parker Hannifin Corporation.

(A) Benefits payable for retirement under age 62 and 10 years of service or any age and 30 years of service eligibility.

Immediate unreduced payments beginning at retirement equal to normal pension accrued to the date of retirement.

(B) Benefits payable for retirement under age 55 and 10 years eligibility.

(i) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of retirement; or

	(ii) Immediate payments equal to (i), but reduced by 0.5% for each month under age 65 when benefits begin.
Disability Retirement	Eligible upon total and permanent disability following completion of 10 years of service. Immediate payments equal to normal pension accrued to date of disability.
Termination	Eligible upon termination of employment after completing five years of service. (A) Deferred payments beginning at age 65 equal to the normal pension: accrued to the date of termination; or (B) Deferred payments beginning as early as age 55 equal to the normal pension accrued to the date of termination, but reduced by 0.5% for each month under age 65 when benefits begin.
Spouse Pension	Eligible upon completion of five years of service providing the participant and spouse have been married at least one year at the death of the participant. (A) Participant not eligible for early retirement. Deferred payments beginning when the participant would have been age 55 equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit. (B) Participant eligible for early retirement. Immediate payments equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit.

Forms of Payment	Any participant retiring under the plan who has been married at least one year will receive his pension in the form of a reduced 50% joint and survivor annuity with his spouse as beneficiary (other forms, including a life annuity, are available if the spouse consents to the election). Other participants will receive their benefits in the form of a life annuity. Other options available are: ▪ 50%, 66⅔%, 75%, or 100% joint and survivor ▪ 10-year certain and life Any form of payment other than a life annuity will be reduced based on the ages of the participant and spouse (or beneficiary) when the benefits begin using factors based on the 1994 Group Annuity Reserving Table and a 7% interest rate.

Changes in Plan Provisions Since the Prior Year

None.

Former Greenville, Tennessee Retirement Plan (Sub-Plan 126)

Effective Date	April 5, 1993, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All salaried, hourly and sales employees became participants on the day they were hired. This plan covers only those employees who were participants on the effective date.
Years of Vesting Service	Before April 5, 1993, years of vesting service are credited according to the TRW Salaried Pension Plan. After April 4, 1993, years of vesting service are credited for each year and partial month of employment with the employer.
Years of Benefit Service	Accrued in the same manner as years of vesting service.
Normal Retirement Date	The date on which an employee attains age 65.
Earnings	The average monthly compensation during the five consecutive calendar years which produces the highest average.
Covered Compensation	Covered compensation is the 35-year monthly average of an employee's taxable wages under Social Security assuming maximum earnings each year during his career.
Normal Retirement	Eligibility is age 65 (normal retirement). The monthly benefit is the greater of (A) and (B): (A) The amount is determined as follows: (i) 1.5% of earnings times years of benefit service (to a maximum of 35 years); plus (ii) 1.33% of earnings times years of benefit service in excess of 35 years; minus (iii) 0.4% of earnings (to a maximum of covered compensation) times years of benefit service (to a maximum of 35 years).

(B) $20 times years of benefit service.

In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants at RMA eligible locations. The main provisions of the RMA are summarized in the Appendix.

Early Retirement

Eligibility is age 55 with at least 10 years of benefit service.

The early retirement benefit payable prior to age 62 is the accrued normal retirement benefit determined without the offset in (A)(iii) above, reduced by ⅓% per month for each month the benefit commencement date precedes the date of the participant's sixtieth birthday.

The early retirement benefit payable over age 62 up to age 65 is the accrued normal retirement benefit with no reduction.

In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants at RMA eligible locations. The main provisions of the RMA are summarized in the Appendix.

If certain eligibility conditions are satisfied, a temporary pension supplement (TPS) is payable to participants at TPS eligible locations retiring prior to normal retirement. The main provisions of the TPS are summarized in the Appendix.

Termination

Eligibility is three or more years of vesting service (five years prior to July 1, 2008).

The deferred vested benefit payable prior to age 62 is the accrued normal retirement benefit determined without the offset in (A)(iii) above, reduced by 5/9% per month between ages 60 and 65 and reduced actuarially between ages 55 and 60 for each month the benefit commencement date precedes the participant's normal retirement date.

	The deferred vested benefit payable at age 62 is the accrued normal retirement benefit, reduced by 5/9% per month between ages 62 and 65 for each month the benefit commencement date precedes the participant's normal retirement date.
Immediate Lump Sum Payment Option	Eligibility is normal or early retirement or termination after age 55 with at least five years of vesting service. In lieu of the normal, early or vested benefit otherwise payable, a participant may elect to receive an immediate lump sum payment. The lump sum payment is determined using the 30-year Treasury interest rate for the third calendar month preceding the beginning of the plan year in which the payment is made.
Preretirement Spouse's Benefit	Eligible upon the death of an active employee while eligible for a vested retirement benefit providing the employee had been married for one year preceding his date of death. The benefit payable to the surviving spouse is determined as though the employee had retired the day before death, taken immediate early retirement, and accepted the 50% joint and survivor option. If the active employee dies prior to the attainment of age 55, the benefit payable to the surviving spouse is determined as though the former employee had survived to age 55 and commenced payments under the 50% joint and survivor option.
Post Termination Spouse's Benefit	Eligible upon the death of a former employee while eligible for a vested benefit providing the employee had been married for one year preceding his/her date of death. If the former employee dies after the attainment of age 55, the benefit payable to the surviving spouse is determined as though the former employee had commenced payments the day before death and accepted the 50% joint and survivor option. If the former employee dies prior to the attainment of age 55, the benefit payable to the surviving spouse is determined as though the former employee had survived to age 55 and commenced payments under the 50% joint and survivor option.

Pension Increase for Retirees	Retired participants as of June 1, 2001 received a one-time ("Millennium") pension increase. The Millennium increase amounts are summarized in the Appendix.
Retirement Income Account (RIA)	Plan participation was frozen as of April 1, 2004 to newly hired (and rehired) employees. Participants as of June 30, 2004 were given the following plan coverage choices: (A) Continued participation and full benefit accrual under the Consolidated Pension Plan; or (B) Frozen participation and accrued benefit amounts as of June 30, 2004 under the Consolidated Pension Plan, with future plan coverage and benefit accruals payable under a new Retirement Income Account (RIA) Plan. Note that service credits towards TPS benefit and RMA accruals and interest credits continue under the Consolidated Pension Plan to eligible participants as of the June 30, 2004 choice date.
Forms of Payment	Any participant retiring under the plan who has been married at least one year will receive his pension in the form of a reduced 50% joint and survivor annuity with his spouse as beneficiary (other forms, including life annuity, are available if the spouse consents to the election). Other participants will receive their benefits in the form of a life annuity.

Other options available are:

- 50%, 75%, or 100% joint and survivor
- 5, 10, or 15-year certain and life
- 50% joint and survivor with 10-year certain and life
- Lump sum

Changes in Plan Provisions Since the Prior Year

None.

Former NWL Retirement Income Plan (Sub-Plan 129)

Effective Date	January 1, 1989, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	
Non-Union	All full-time employees become plan participants on their date of hire.
Union (Kalamazoo Hourly)	All hourly union employees at Kalamazoo become plan participants on their date of hire.
Vesting Service	
Non-Union	Prior to January 1, 1989, vesting service was based on the plan provisions then in effect. After December 31, 1988, vesting service is based on elapsed time.
Union (Kalamazoo Hourly)	Vesting service is based on elapsed time, but no service is given prior to June 1, 1941.
Credited Service	
Non-Union	Equivalent to vesting service, but rounded up to the nearest month.
Union (Kalamazoo Hourly)	Equivalent to vesting service, but rounded up to the nearest month.
Average Monthly Compensation	Average of the highest consecutive 60 months.
Social Security Covered Compensation	Social Security covered compensation is one twelfth of the Social Security taxable wage bases in effect for the 35 years ending with the year the participant would attain Social Security normal retirement age (SSNRA), assuming, in the case of a participant who retires or terminates before SSNRA, that the wage base then in effect continues unchanged until SSNRA.
Normal Retirement	Eligibility is the first day of the month after the attainment of age 65.
Non-Union	Prior to January 1, 1997, benefit is comprised of the sum of the following two pieces: a past service benefit and a future service benefit. The past service benefit is the accrued monthly benefit as of December 31, 1988 based on the plan provisions then in effect.

The future service benefit is the monthly benefit equal to 0.9% of average monthly compensation up to Social Security covered compensation, plus 1.3% of average monthly compensation in excess of Social Security covered compensation multiplied by years of credited service (earned after December 31, 1988) at normal retirement up to 35 years (35 years is reduced by years of credited service earned prior to January 1, 1989); plus 1.3% of average monthly compensation multiplied by years of credited service (earned after December 31, 1988) at normal retirement in excess of 35 years.

After December 31, 1996, the normal retirement benefit is the greater of (A) and (B) below:

(A) The monthly benefit equal to the accrued monthly benefit at December 31, 1996 as calculated above plus the future Parker benefit piece equaling 0.75% of average monthly compensation up to Social Security covered compensation, plus 1.36% of average monthly compensation in excess of Social Security covered compensation multiplied by years of credited service (earned after December 31, 1996) at normal retirement up to 35 years (35 years is reduced by years of credited service earned prior to January 1, 1997); plus 0.5% of average monthly compensation multiplied by years of credited service (earned after December 31, 1996) at normal retirement in excess of 35 years (35 years is reduced by years of credited service earned prior to January 1, 1997, with the excess held to a maximum of five years).

(B) The Parker formula monthly benefit equal to 0.75% of average monthly compensation up to Social Security covered compensation, plus 1.36% of average monthly compensation in excess of Social Security covered compensation multiplied by years of credited service at normal retirement up to 35 years; plus 0.5% of average monthly compensation multiplied by years of credited service at normal retirement in excess of 35 years (maximum of five years).

In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants at RMA eligible locations. The main provisions of the RMA are summarized in the Appendix.

If certain eligibility conditions are satisfied, a temporary pension supplement (TPS) is also payable to participants at TPS eligible locations retiring prior to normal retirement. The main provisions of the TPS are summarized in the Appendix.

Union (Kalamazoo Hourly)

The monthly retirement benefit is equal to years of credited service times benefit rate.

Date of Retirement	Benefit Rate
08-01-90 to 07-31-94	$22.00
08-01-94 to 07-31-95	$23.00
08-01-95 to 07-31-96	$23.75
08-01-96 to 07-31-97	$24.50
08-01-97 to 07-31-98	$25.50
08-01-98 to 07-31-99	$26.25
08-01-99 to 07-31-00	$27.00
08-01-00 to 07-31-01	$33.75
08-01-01 to 07-31-02	$34.75
08-01-02 to 08-03-03	$35.50
08-04-03 to 07-30-06	$39.50
07-31-06 to 08-05-07	$40.50
08-06-07 to 07-31-11	$43.50
08-01-11 to 07-29-12	$43.00
07-30-12 to 08-05-17	$46.50
08-07-17 to 08-07-22	$49.50

Early Retirement
Non-Union

Eligibility for the past service benefit piece varies depending on formula used in determining benefit on December 31, 1988. Eligibility for all other pieces is attainment of age 55 and completion of 10 years of vesting service.

Prior to January 1, 1997, benefit is comprised of the sum of the following two pieces: an early retirement past service benefit and an early retirement future service benefit.

- The early retirement past service benefit is the early retirement monthly benefit as of December 31, 1988 (including appropriate early retirement reduction factors) based on the plan provisions then in effect.
- The early retirement future service benefit is the normal retirement future service benefit multiplied by the ratio of credited service (earned after December 31, 1988) over credited service (earned after December 31, 1988) at normal retirement and further reduced by an early retirement factor described below.

After December 31, 1996, the early retirement benefit is the greater of (A) and (B) below:

(A) The monthly benefit equal to the early retirement benefit at December 31, 1996 as calculated above plus the normal retirement future Parker benefit as calculated above with the exception of average monthly compensation and credited service calculated at the time of retirement multiplied by an early retirement factor described below.

(B) The monthly benefit equal to the normal retirement Parker formula as calculated above with the exception of average monthly compensation and credited service calculated at the time of retirement multiplied by an early retirement factor described below.

In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants at RMA eligible locations. The main provisions of the RMA are summarized in the Appendix.

	If certain eligibility conditions are satisfied, a temporary pension supplement (TPS) is payable to participants at TPS eligible locations retiring prior to normal retirement. The main provisions of the TPS are summarized in the Appendix.
Union (Kalamazoo Hourly)	Eligibility is attainment of age 60 and 10 years of credited service. The monthly benefit is equal to the normal retirement benefit multiplied by an early retirement factor described below.
Early Retirement Factors	The following early retirement reductions are applicable when calculating various early retirement benefits:
Non-Union Future Service Benefit	Age 55 and 10 years of vesting service: Reduced 4% for each year retirement precedes age 65. Age 55 and 30 years of vesting service: Reduced 4% for each year retirement precedes age 62.
Non-Union Future Parker Benefit and Parker Formula	Age 55 and 10 years of vesting service: Reduced 6% for each year retirement precedes age 65.
Union (Kalamazoo Hourly)	Less than 30 years of credited service: Reduced 7.2% for each year retirement precedes age 62. At least 30 years of credited service: No reduction.
Termination	Eligible after three or more years of vesting service for non-union (five years prior to July 1, 2008) or five or more years of vesting service for union.
Non-Union	Deferred vested benefit equal to the early retirement benefit payable at age 65, or payable as early as age 55 with at least 10 years of vesting service, reduced 6% for each year commencement of benefits precede age 65.
Union (Kalamazoo Hourly)	Deferred vested benefit equal to the early retirement benefit payable at age 65, or payable as early as age 60 with at least 10 years of vesting service, reduced 7.2% for each year commencement of benefits precede age 65.

Disability Retirement	
Non-Union	Eligible upon total and permanent disability. The disability benefit is equal to the monthly normal retirement benefit assuming that the participant had worked to normal retirement at the rate of pay in effect at date of disability. Payment of such benefit is deferred until age 65.
Union (Kalamazoo Hourly)	Eligible upon total and permanent disability and 10 years of credited service. The disability benefit is equal to the monthly normal retirement benefit payable on date of disability. At normal retirement, disability benefit ceases and normal retirement benefit begins. Payment of optional forms is not provided for disability retirement. If disabled retiree dies prior to normal retirement date, surviving spouse is entitled to preretirement spouse benefit.
Preretirement Spouse's Benefit	Eligible upon the death of an active or former employee while eligible for a vested retirement benefit providing the employee had been married for one year preceding his date of death. The benefit payable to the surviving spouse is determined as though the employee had retired the day before he died (or termination date, if earlier), lived to his earliest retirement date, taken early retirement, and accepted a joint and survivor option (50% for Non Union and 55% for Union).
Supplemental Benefit	
Union (Kalamazoo Hourly)	Eligibility is attainment of age 60 and prior to age 62 with at least 25 years of credited service. The monthly supplemental retirement benefit is equal to years of credited service times supplemental benefit rate, payable until age 62.

Date of Retirement	Supplemental Benefit Rate
08-01-90 to 07-31-94	$21.50
08-01-94 to 07-31-95	$22.50
08-01-95 to 07-31-96	$23.25
08-01-96 to 07-31-97	$24.00
08-01-97 to 07-31-98	$25.00
08-01-98 to 07-31-99	$25.75
08-01-99 to 07-25-00	$26.50
07-26-00 to 07-31-01	$33.25
08-01-01 to 07-31-02	$34.25
08-01-02 to 08-03-03	$35.00
08-04-03 to 07-30-06	$39.00
07-31-06 to 08-05-07	$40.00
08-06-07 to 08-06-17	$43.00
08-07-17+	$47.50

Special Medicare Benefits
Union (Kalamazoo Hourly)

Eligible to all retirees and their spouses (except deferred vested retirees) who are age 65 or older or under age 65 and enrolled in voluntary "Medicare" coverage.

The special Medicare benefit is equal to the prevailing full Medicare amount in effect on August 1. Effective August 4, 2003, there is a cap for all future retirees at $65.00. The cap increases to $70.00 for retirements on or after July 31, 2006.

Pension Increase for Retirees
Non-Union Only

Retired participants as of June 1, 2001 received a one-time ("Millennium") pension increase. The Millennium increase amounts are summarized in the Appendix.

Retirement Income Account (RIA)
Non-Union Only

Plan participation was frozen as of April 1, 2004 to newly hired (and rehired) employees.

Participants as of June 30, 2004 were given the following plan coverage choices:

(A) Continued participation and full benefit accrual under the Consolidated Pension Plan; or

	(B) Frozen participation and accrued benefit amounts as of June 30, 2004 under the Consolidated Pension Plan, with future plan coverage and benefit accruals payable under a new Retirement Income Account (RIA) Plan. Note that service credits towards TPS benefit and RMA accruals and interest credits continue under the Consolidated Pension Plan to eligible participants as of the June 30, 2004 choice date.
Forms of Payment	A married employee shall receive his benefit on a 50% joint and survivor actuarially equivalent reduced basis (nonunion) or a 55% joint and survivor reduced by 5% (union) unless the employee elects (with spousal consent) a life annuity. A single employee shall receive the benefit on a life annuity basis. Other options are available. The optional forms available are: ▪ 50%, 75%, or 100% joint and survivor ▪ 5, 10, or 15-year certain and life ▪ 50% joint and survivor with 10-year certain and life ▪ Joint and survivor with level freeze option

Changes in Plan Provisions Since the Prior Year

- None.

Former Gresen Hourly Pension Plan (Sub-Plan 136)

Effective Date	January 1, 1986, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	Each employee who was a participant in the Teamsters Union Local No. 970, 1976 Revised Pension Plan is automatically eligible. Other employees become eligible after completion of one year of service.
Years of Service	Plan year in which an employee is credited with 1,000 or more hours of service.
Pension Accrued Service	(A) All full and fractional years of service since January 1, 1976 while employed on an hourly basis by Gresen Manufacturing Division of Dana Corporation; plus (B) All full and fractional years of past service ending on December 31, 1975. (C) Employee shall not be given pension accrual service for hours of service during which an employee is not eligible or is employed by an affiliate of the employer; that is, pension accrual service under one plan may not he transferred to another plan. (D) Any paid absence for which the employer keeps records, such as vacation, incapacity, or layoffs shall be included as pension accrual service as long as a single period of absence is not in excess of 500 hours. (E) Credit will be given after one year for the first year of service accrued following a break in service. (F) Pension accrual service shall not include years of service prior to a break in service if the number of consecutive one-year breaks in service equals or exceeds the aggregate number of years of service prior to the break.

Accrued Benefit

The accrued benefit is the basic benefit level below times years of pension accrual service payable monthly.

Date of Retirement		Basic
On or After	But Before	Benefit Level
04-01-00	05-01-01	$27.00
05-01-01	05-01-02	$30.00
05-01-02	05-01-03	$32.00
05-01-03		$34.00
Closed		

Normal Retirement

Eligibility is attainment of age 65.

The monthly benefit is the accrued benefit determined at normal retirement date.

Early Retirement

Eligibility is attainment of age 62 and 10 or more years of service.

The monthly benefit is the accrued benefit determined at early retirement, reduced by an actuarially equivalent percentage as set forth below

Commencement Age	Early Commencement Factor
62	0.8000
63	0.8667
64	0.9333
65	1.0000

Postponed Retirement

Eligibility at the request of the employee.

The monthly benefit is the accrued benefit determined at date of postponed retirement.

Disability Retirement

All employees who become disabled after attaining age 50 and 10 or more years or service are eligible.

	The monthly benefit is the accrued benefit at the onset of disability, reduced by an actuarial equivalent percentage if prior to normal retirement date. Benefits shall begin on the later of the seventh month of disability or the first day of the month following employment termination.
Termination	Eligible upon completion of five or more years of service. (A) Deferred payments beginning at age 65 equal to the accrued benefit determined at the date of termination. (B) Deferred payments beginning as early as age 62 (if 10 years of service) equal to the benefit payable at normal retirement date actuarially reduced for early commencement.
Surviving Spouse	One-year marriage requirement imposed.
Surviving Benefit	Former and active vested employees and retirees who have elected the normal form of the survivor benefit and who have been married at least one year are eligible. For active vested and terminated vested employees eligible for early or normal retirement: Monthly survivor benefit shall be equal to 50% of the accrued benefit the employee would have received had he retired the day before his death. Benefit payment begins on the first day of the month following the date of death. For retirement employees: Monthly survivor benefit shall be equal to 50% of benefit for which retiree was eligible if the retiree did not decline the survivor's benefit. benefit payment begins on the first day of the month following the date of death. For active vested and terminated vested employees not eligible for normal or early retirement: Monthly survivor benefit shall be equal to 50% of the monthly benefit to which the employee would have been entitled had he terminated on the earlier of his termination date or date of death, survived to early retirement date and had begun receiving benefits that day, and died the next day. Benefit payments begins on early retirement date. Reduction: Pension benefit of retiree is reduced actuarially for survivor benefit option.

Forms of Benefit	Optional forms of payment are: ▪ 50%, 75%, or 100% joint and survivor ▪ 5, 10 or 15-year certain and life ▪ 50% joint and survivor with 10-year certain and life

Changes in Plan Provisions Since the Prior Year

None.

Former Commercial Intertech Corp. Pension Plan for Salaried Employees (Sub-Plan 138)

Effective Date	October 28, 1948, as restated July 1, 2008 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All nonunion salaried employees of Commercial Intertech Corp. are eligible after attainment of age 21 and completion of one year of service.
Benefit Service	Elapsed service from date of hire.
Average Compensation (Commercial Intertech)	The average base pay compensation (limited by IRC section 401(a)(17)) during the highest five consecutive years of compensation out of the last 10 years immediately preceding retirement.
Average Monthly Compensation (Parker)	Average of the highest five consecutive calendar years compensation including base salary, bonuses, overtime, incentive, etc., but excluding other compensation such as overseas allowances or moving expenses. Compensation exceeding the IRC section 401(a)(17) limit in the year of retirement or termination ($200,000 retroactively starting with the 2002 plan year) will be excluded when the average monthly compensation is determined.
Social Security Benefit	Estimated Social Security primary insurance amount at normal retirement date under the provision of the Social Security Act at the time of separation from employment assuming that the participant continues at current earnings level as of December 31, 2001.
Social Security Covered Compensation	Social Security covered compensation is one twelfth of the Social Security taxable wage bases in effect for the 35 years ending with the year the participant would attain Social Security normal retirement age (SSNRA), assuming in the case of a participant who retires or terminates before SSNRA, that the wage base then in effect continues unchanged until SSNRA.
Normal Retirement	Eligibility is the later of age 65 or the fifth anniversary of participation. The monthly benefit is the benefit as summarized below but not to exceed the maximum benefit permitted under IRC section 415.

(A) For retirements after December 31, 2001, the benefit is the greater of (i) or (ii) below:

(i) 50% of average compensation (Commercial Intertech), less 50% of Social Security, reduced for less than 25 years of benefit service and increased by 1% for each year of benefit service over 25 (to a maximum of 10%), for benefit service credited through December 31, 2001.

plus

26.25% of average monthly compensation (Parker) up to Social Security covered compensation, plus 47.60% of average monthly compensation in excess of the Social Security benefit base, reduced proportionately if benefit service earned after December 31, 2001 is under 35 years, plus 0.5% of average monthly compensation multiplied by the number of benefit service years in excess of 35 (maximum five years) for service credited after December 31, 2001.

A minimum benefit based on the benefit unit table below times basic service (maximum 40 years) will be paid.

Date of Retirement		Minimum
On or After	But Before	Benefit Unit
07-01-89	01-01-01	$12.50
01-01-01	01-01-02	$15.00
01-01-02	01-01-03	$18.00
01-01-03		$21.00

(ii) 26.25% of average monthly compensation (Parker) up to Social Security covered compensation, plus 47.60% of average monthly compensation in excess of the Social Security benefit base, reduced proportionately if benefit service is under 35 years, plus 0.5% of average monthly compensation multiplied by the number of benefit service years in excess of 35 (maximum five years) for all benefit service.

A minimum benefit based on the benefit unit table below times basic service (maximum 40 years) will be paid.

Date of Retirement		Minimum
On or After	But Before	Benefit Unit
07-01-89	01-01-01	$12.50
01-01-01	01-01-02	$15.00
01-01-02	01-01-03	$18.00
01-01-03		$21.00

(B) For retirements after December 31, 2001 for the grandfathered group (participants attaining at least age 50 with 15 years of service or age 60 with five years of service as of December 31, 2001), the benefit is the greater of (i), (ii) or (iii) below:

(i) 50% of average compensation (Commercial Intertech), less 50% of Social Security, reduced for less than 25 years of benefit service and increased by 1% for each year of benefit service over 25 (to a maximum of 10%), for benefit service credited through December 31, 2001.

plus

26.25% of average monthly compensation (Parker) up to Social Security covered compensation, plus 47.60% of average monthly compensation in excess of the Social Security benefit base, reduced proportionately if benefit service earned after December 31, 2001 is under 35 years, plus 0.5% of average monthly compensation multiplied by the number of benefit service years in excess of 35 (maximum five years) for service credited after December 31, 2001.

A minimum benefit based on the benefit unit table below times basic service (maximum 40 years) will be paid.

Date of Retirement		Minimum
On or After	But Before	Benefit Unit
07-01-89	01-01-01	$12.50
01-01-01	01-01-02	$15.00
01-01-02	01-01-03	$18.00
01-01-03		$21.00

(ii) 26.25% of average monthly compensation (Parker) up to Social Security covered compensation, plus 47.60% of average monthly compensation in excess of the Social Security benefit base, reduced proportionately if benefit service is under 35 years, plus 0.5% of average monthly compensation multiplied by the number of benefit service years in excess of 35 (maximum five years) for all benefit service.

A minimum benefit based on the benefit unit table below times basic service (maximum 40 years) will be paid.

Date of Retirement		Minimum
On or After	But Before	Benefit Unit
07-01-89	01-01-01	$12.50
01-01-01	01-01-02	$15.00
01-01-02	01-01-03	$18.00
01-01-03		$21.00

(iii) 50% of average compensation (Commercial Intertech), less 50% of Social Security, reduced for less than 25 years of benefit service and increased by 1% for each year of benefit service over 25 (to a maximum of 10%), for all benefit service.

In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants who did not elect to stay in the Commercial Intertech Retiree Medical Plan as of December 31, 2001. The main provisions of the RMA are summarized in the Appendix.

If certain eligibility conditions are satisfied, a temporary pension supplement (TPS) is payable to participants who did not elect to stay in the Commercial Intertech Retiree Medical Plan as of December 31, 2001 retiring prior to normal retirement. The main provisions of the TPS are summarized in the Appendix.

Accrued Benefit (Commercial Intertech)

The normal retirement benefit above under the prior Commercial Intertech formula only computed using benefit service projected to age 65, and then multiplying by benefit service at accrued benefit determination divided by benefit service projected to age 65.

Early Retirement

Eligibility is age 55 with 10 years of service, or a participant on December 31, 2001 who would not have five years of service by age 62.

The monthly benefit is the benefit under the prior Commercial Intertech formula reduced by 3/10 of 1% for each month early commencement precedes age 65.

plus/or

The benefit earned under the Parker formula reduced by 5/10 of 1% for each month early commencement precedes age 65.

In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants who did not elect to stay in the Commercial Intertech Retiree Medical Plan as of December 31, 2001. The main provisions of the RMA are summarized in the Appendix.

	If certain eligibility conditions are satisfied, a temporary pension supplement (TPS) is payable to participants who did not elect to stay in the Commercial Intertech Retiree Medical Plan as of December 31, 2001 retiring prior to normal retirement. The main provisions of the TPS are summarized in the Appendix.
Termination	Eligible upon completion of three years of service (five years prior to July 1, 2008). The benefit payable at normal retirement date, based on average compensation at termination. If the participant has 10 years of service, early commencement is available after age 55. The benefit under the prior Commercial Intertech formula reduced by 3/10 of 1% for each month early commencement precedes age 65. plus/or The benefit earned under the Parker formula reduced by 5/10 of 1% for each month early commencement precedes age 65.
Preretirement Spouse's Benefit	Eligible upon the death of an active employee while eligible for a vested retirement benefit providing the employee had been married for one year preceding his date of death. The benefit payable to the surviving spouse is determined as though the employee had retired the day before he died, taken immediate early retirement, and accepted the 50% joint and survivor option.
Postretirement Spouse's Benefit	Eligible upon the death of a former employee while eligible for a vested benefit providing the employee had been married for one year preceding his date of death.

	If the former employee dies after the attainment of age 55, the benefit payable to the surviving spouse is determined as though the former employee had commenced payments the day before he died and accepted the 50% joint and survivor option. If the former employee dies prior to the attainment of age 55, the benefit payable to the surviving spouse is determined as though the former employee had survived to age 55 and commenced payments on his fifty-fifth birthday under the 50% joint and survivor option.
Retirement Income Account (RIA)	Plan participation was frozen as of April 1, 2004 to newly hired (and rehired) employees. Participants as of June 30, 2004 were given the following plan coverage choices: (A) Continued participation and full benefit accrual under the Consolidated Pension Plan; or (B) Frozen participation and accrued benefit amounts as of June 30, 2004 under the Consolidated Pension Plan, with future plan coverage and benefit accruals payable under a new Retirement Income Account (RIA) Plan. Note that service credits towards TPS benefit and RMA accruals and interest credits continue under the Consolidated Pension Plan to eligible participants as of the June 30, 2004 choice date.
Forms of Payment	Optional forms of payment are: ▪ 50%, 75%, or 100% joint and survivor ▪ 5, 10, or 15-year certain and life ▪ 50% joint and survivor with 10-year certain and life
Coordination With Other Plans	Transfers into the Salaried Plan will be computed as if the employee was always in this plan. Any benefits from other plans will offset the portion payable from the plan.

Early Retirement Window	Eligibility applies to certain non-highly compensated employees retiring between October 1, 1996 and November 14, 1996 and between November 15, 1998 and December 31, 1998. The benefit payable is computed without a reduction to service or early commencement reduction using current compensation as the five-year average. An additional $800/month supplement to age 65 was provided and offered as a lump sum.

Changes in Plan Provisions Since the Prior Year

None.

Former Commercial Intertech Corp. Pension Plan for Hourly Paid Employees (Sub-Plan 139)

Effective Date	April 1, 1950, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All hourly paid employees of Commercial Intertech Corp. represented by the United Steelworkers of America are eligible after attainment of age 21 and completion of one year of continuous service.
Continuous Service	All full and fractional years of service to the nearest month from last date of hire to termination of employment, including any service required to be credited as a result of break in service rules. For part time employees, all dollar amount minimum benefits (i.e., unrelated to final average earnings) shall be based on continuous service which is proportionately reduced for less than full time employment.
Average Monthly Earnings	The monthly average earnings of the 60 highest consecutive calendar months of total earnings in last 120 months prior to termination of employment or retirement. Earnings will exclude certain cost of living adjustments in base rates since September 30, 1974. Effective January 1, 1997, the cost of living adjustment was $3.50 per base hour.
Normal Retirement	Eligibility is age 65 or the fifth anniversary of participation, if later. The monthly benefit is equal to the greater of (A) and (B) below: (A) Percent Pension: 1.1% of average monthly earnings for percent pension times years of continuous service not in excess of 30, plus 1.2% of average monthly earnings times years of continuous service in excess of 30 years. This benefit is increased by 12.6% for retirements on or after November 1, 1995.

(B) Minimum Pension: $26.50 per month times years of continuous service with a minimum benefit (for continuous service over 30 years) of $1,060 per month. The benefit units will be increased for retirements on or after the effective dates below:

Effective Date	Benefit Unit (Per Year of Service)	Minimum Benefit (for Continuous Service Over 30 Years)
11-01-00	$27.00	$1,080
11-01-01	$27.50	$1,100
02-01-02	$30.00	$1,100
02-01-03	$32.00	$1,100
02-01-04	$33.00	$1,100
02-01-05	$34.00	$1,100
02-06-06	$35.50	$1,100
02-11-07	$37.00	$1,100
02-10-08	$38.00	$1,100
02-03-09	$39.00	$1,100
02-03-10	$39.25	$1,100
02-13-11	$39.50	$1,100
02-12-12	$39.75	$1,100
02-10-13	$40.00	$1,100

Accrued Benefit

The normal retirement benefit above computed using average monthly earnings and continuous service at termination or date of determination.

Early Retirement (Unreduced)

Eligibility is at any age with 30 years of continuous service or age 62 with 15 years of continuous service.

The monthly benefit is the accrued benefit without actuarial reduction for early commencement.

Early Retirement (Reduced)

Eligibility is at age 60 with 15 years of continuous service.

The monthly benefit is the accrued benefit reduced to the actuarial equivalent of the benefit payable at age 62.

Termination

Eligible upon completion of five years of continuous service.

The monthly benefit is the accrued benefit payable at normal retirement date. The accrued benefit can be payable as early as age 60 on an actuarially reduced

	basis. If the participant terminated after age 40 with 15 years of continuous service, then the actuarial reduction is from age 62 instead of age 65.
70/80 or Rule of 65 Retirement Benefit	Eligible upon completion of 15 years of continuous service, attainment of age 55, and sum of age and continuous service total 70 or more; or, completion of 15 years of continuous service and the sum of age and continuous service total 80 or more; or, completion of 20 years of continuous service and the sum of age and continuous service total 65 or more. Retirement must be due to plant shutdown or layoff. A monthly benefit equal to (A) plus (B) below is payable immediately: (A) The accrued benefit determined at date of retirement. plus (B) A temporary supplement of $300 per month is payable until eligible for Social Security.
Disability Benefit	Eligible when physically or mentally incapacitated with 15 years of continuous service. An immediate benefit equal to (A) plus (B) below will commence after six months: (A) The accrued benefit at date of disability retirement. plus (B) A temporary supplement of $300 per month payable until eligible for Social Security.
Surviving Spouse's Benefit	Surviving spouses of married participants who die with 1.5 years of continuous service either pre or postretirement are eligible.

	The benefit payable to the surviving spouse equals 50% of the accrued benefit at date of participant's death (minimum $140 per month) reduced when the spouse attains age 60 by the Social Security benefit that the spouse is eligible to receive (minimum: $125 per month). Retirements prior to November 1, 1996 may have different minimums.
React Preretirement Spouse's Benefit	Surviving spouses of married participants who die after having completed five years of continuous service prior to benefit commencement are eligible. The benefit payable to the surviving spouse equals the accrued benefit at date of participant's death commencing at the earliest retirement age reduced for early retirement and the 50% joint and survivor option. This amount will be a minimum for a preretirement death but will not be paid in addition to the surviving spouse benefit.
Forms of Payment	Optional forms of payment are: ▪ Straight life annuity ▪ Actuarially reduced 50%, 75%, or ▪ 100% joint and survivor annuity ▪ 5 or 10-year certain and life ▪ 50% joint and survivor with 10-year certain and life
Special Initial Payment	Payable for all retirements, except deferred vested retirements and disability retirements. In lieu of the first three months' pension payments, a lump sum payment equal to 13 weeks of vacation pay, reduced by actual vacation pay received in year of retirement is payable.

Changes in Plan Provisions Since the Prior Year

None.

Former Intertech Corp. Pension Plan for Hourly Paid Employees, Hicksville Plan (Sub-Plan 140)

Effective Date

May 6, 1973, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.

Eligibility

All hourly employees of Commercial Intertech Corp., Hicksville, Ohio Plant are eligible after attainment of age 21 and completion of one year of service.

Service

Vesting

All continuous service with Commercial Intertech Corp. computed to the nearest one-twelfth year.

Pension

All continuous service with Commercial Intertech Corp. Hicksville, Ohio Plant as an hourly employee computed to the nearest one-twelfth year.

Normal Retirement

Eligible at the later of age 65 and fifth anniversary of participation.

The monthly benefit is the benefit unit below multiplied by pension service.

Date of Retirement		
On or After	**But Before**	**Benefit Unit**
11-01-89	07-08-93	$13.00
07-08-93	07-01-97	$15.75
07-01-97	07-01-98	$17.50
07-01-98	07-01-99	$19.00
07-01-99	07-01-00	$20.00
07-01-00	07-01-01	$21.00
07-01-01	07-01-02	$23.50
07-01-02	07-01-03	$24.50
07-01-03	07-01-04	$25.50
07-01-04	07-01-05	$26.50
07-01-05	07-02-06	$27.50
07-02-06	07-01-07	$28.50
07-01-07	07-06-08	$29.50
07-06-08	07-27-08	$30.50
07-27-09	07-25-10	$31.00

Date of Retirement		
On or After	But Before	Benefit Unit
07-25-10	07-24-11	$31.50
07-24-11	07-29-12	$32.00
07-29-12	07-22-13	$32.50
07-22-13	07-21-14	$33.00
07-21-14	07-20-15	$33.50
07-20-15	07-24-16	$34.00
07-24-16	07-23-17	$34.50
07-24-17	07-23-18	$35.00
07-24-18	07-23-19	$35.50
07-24-19	07-23-19	$36.00

Early Retirement

Eligible at age 62 with 15 years of vesting service.

The monthly benefit is the accrued benefit (as determined under normal retirement above) based on pension service at termination reduced based on the chart below for early commencement:

Age	Reduction Factor
62	0.7528
63	0.7253
64	0.9072

Termination

Eligible at any age with five years of vesting service.

The accrued pension is payable at normal retirement date as determined in normal retirement above based on pension service at termination. A participant with 15 years of vesting service may elect to commence the benefit at age 62 reduced as for early retirement.

Disability Retirement

Eligible at any age with 10 years of vesting service.

A benefit is payable after six months of disability computed as in termination above based on pension service at date of disability. The benefit is payable without reduction for early commencement.

Preretirement Spouse's Benefit	Surviving spouses of married participants who die after having completed five years of vesting service are eligible. The benefit payable to the surviving spouse equals the accrued benefit (as determined in normal retirement above) at date of participant's death based on pension service at date of death. This benefit is then reduced to the actuarial equivalent of this benefit had the participant lived to early retirement (or age of death, if death occurs after early retirement), retired with a qualified 50% joint and survivor annuity and then died.
Forms of Payment	Optional forms of payment are: ▪ 50%, 75%, or 100% joint and survivor ▪ 5, 10, or 15-year certain and Life ▪ 50% joint and survivor with 10-year certain and life

Changes in Plan Provisions Since the Prior Year

- Increase in benefit unit and/or increase in the maximum years of participation.

Former Wynn's International, Inc. Retirement Plan (Sub-Plan 146)

Effective Date	January 1, 1978, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	Attainment of age 21 and completion of 1,000 hours of service in a plan year, providing that the employee is not covered by a collective bargaining agreement.
Vesting Service	One year for each plan year in which a participant has been credited with 1,000 or more hours of service.
Benefit Service	One year for each plan year in which a participant has been credited with 1,000 or more hours of service.
Compensation	The base rate of compensation paid by an employer to an employee as of the January 1 of the plan year of determination, expressed as an annual rate.
Normal Retirement	Eligibility is attainment of age 65. The normal retirement benefit is the greater of (A) and (B), plus (C): (A) For service prior to January 1, 1978 the benefit is equal to the sum of ¾% of the December 31, 1977 base salary up to $16,500 and 1¼% of the December 31, 1977 base salary in excess of $16,500 multiplied by credited service prior to December 31, 1977 (from date of acquisition or, if later, attainment of age 25 with one year of service). For service between January 1, 1978 and December 31, 1988, the benefit is equal to the sum of 1% of the January 1 base salary for that year up to the Social Security wage base, plus 2% of the January 1 base salary for that year in excess of the Social Security wage base. For service during each plan year between January 1, 1989 and December 31, 1998 (until a participant has 35 total years of service); the benefit is equal to the sum of 1.15% of the January 1 base salary for that year up to $10,000 plus 1.80% of the January 1 base salary in excess of $10,000.

	For service during each plan year between January 1, 1989 and December 31, 1998 (after the participant has 35 total years of service), the benefit is equal to 1.8% of the January 1 base salary for each year after 35 years. (B) For service prior to January 1, 1999, the benefit is equal to 1.5% of average compensation (using January 1, 1997, January 1, 1998 and January 1, 1999 compensation) times years of vesting service earned as of January 1, 1999. (C) For each plan year of service beginning on or after January 1, 1999, the benefit is equal to 1.9% of the January 1 base salary.
Early Retirement	Eligibility is attainment of age 55 and completion of five years of vesting service. The benefit is equal to the normal retirement benefit but using compensation at the time of early retirement and using service only to the early retirement date but reduced for early retirement by 1/180 for each of the first 60 months and 1/360 for each of the next 60 months preceding normal retirement.
Termination	Eligible after five or more years of vesting service. Deferred vested benefit equal to the normal retirement benefit payable at age 65, or payable as early as age 55, if reduced as for early retirement.
Preretirement Spouse's Benefit	Eligible upon the death of a married participant while eligible for a vested retirement benefit. The benefit payable to the surviving spouse is determined as though the participant had retired the day before he died, or at age 55, if later, and accepted the 50% joint and survivor option.
Retirement Income Account (RIA)	Plan participation was frozen as of April 1, 2004 to newly hired (and rehired) employees. Participants as of June 30, 2004 were given the following plan coverage choices: (A) Continued participation and full benefit accrual under the Consolidated Pension Plan; or

	(B) Frozen participation and accrued benefit amounts as of June 30, 2004 under the Consolidated Pension Plan, with future plan coverage and benefit accruals payable under a new Retirement Income Account (RIA) Plan. Note that service credits towards TPS benefit and RMA accruals and interest credits continue under the Consolidated Pension Plan to eligible participants as of the June 30, 2004 choice date.
Forms of Payment	A married participant shall receive his benefit on a 50% joint and survivor actuarially equivalent reduced basis unless the employee elects (with spousal consent) a life annuity. A single participant shall receive the benefit on a life annuity basis. Other options available are: ▪ 50%, 75%, or 100% joint and survivor ▪ 5, 10, or 15-year certain and life ▪ 50% joint and survivor with 10-year certain and life

Changes in Plan Provisions Since the Prior Year

None.

Former Salaried Employees' Pension Plan of Wynn's-Precision, Inc (Sub-plan 147)

Plan Sponsor	Parker Hannifin Corporation.
Effective Date	June 14, 1959; as amended effective January 1, 2001 to freeze plan participation and the accumulation of benefits as of the following "freeze dates."

Freeze Date	Location
12/31/2000	Dynamic Seals, Inc.
02/28/2001	Wynn's Keeper, Inc.
05/01/2001	Wynn's-Precision, Inc.

Effective July 1, 2004, this plan was further amended to change the plan year from a calendar year to the 12-month period beginning each July 1 and ending the following June 30. Most recently amended effective July 1, 2008 by Amendment 6.

The plan was merged into the Consolidated Pension Plan as of June 30, 2013.

Participation	Eligible salaried employees participate in the noncontributory portion of the plan upon date of hire. Participation in the contributory portion of the plan is dependent upon the employee's agreement to make the required contributions. Effective with the January 1, 2001 amendment to the plan, participation is closed as of the applicable freeze date.
Service	Before January 1, 1976, service for all purposes is credited from last date of hire to nearest one-fourth year. Service after January 1, 1976 for all purposes is credited on the basis of full years and month of employment completed as of a participant's applicable freeze date.
Accrual of Benefits	A participant has accumulated a benefit payable at normal retirement date based on compensation and benefit service as of the applicable freeze date.
Employee Contributions	Employees are required to make contributions equal to 3% of compensation (not to exceed $200,000, as adjusted) to receive contributory benefit accruals.

	Employee contribution requirements were suspended as of the applicable freeze date.
Compensation	Compensation for contribution and pension calculation purposes is equal to 1/12th of the average of basic annual rate of compensation (not to exceed $200,000 as adjusted) as of each January 1 for the highest five consecutive years of contributory benefit service granted prior to the applicable freeze date.
Normal Retirement	Eligible at age 65 or the fifth anniversary of plan participation, if later. The monthly benefit is equal to the sum (1) and (2): (1) Noncontributory benefit amount determined as a monthly benefit equal to $100.00, reduced by 1/15th for each year of service less than 15 years at the employee's normal retirement date. In no event shall the noncontributory benefit of an employee who was an active participant on December 31, 1982 be less than $3.50 times credited service at his freeze date. (2) Contributory benefit amount determined as follows: a. 2⅓% of monthly plan compensation times benefit service (not to exceed 15 years); plus b. 1% of monthly plan compensation times benefit service in excess of 15 years. For purposes of determining the contributory benefit at the freeze date, benefit service means that period of credited service during which the participant made employee contributions as required by the contributory portion of the plan.
Early Retirement	Eligible at age 55 and five years of service. The early retirement benefit is the accrued retirement benefit reduced 1/180 for each of the first 60 months and 1/360 for each additional month by which the early retirement date precedes the normal retirement date.
Termination	Participants who were active employees at the applicable freeze date became eligible for 100% of their accrued retirement benefit payable at their normal

	retirement date. A participant with five years of service may elect to commence their benefit as early as age 55 reduced as for early retirement.
Spouse Pension	Upon death of an unmarried contributory participant or a married participant with non-vested benefit, the beneficiary receives the participant's accumulation payable in a lump sum. The surviving spouse of a vested participant receives the spouse's portion of a 100% survivor annuity reduced for early commencement and payable at the earliest retirement age of the participant or later date if elected by the spouse.
Disability Retirement	Eligible at age 55 and five years of credited service. The disability retirement benefit is the accrued retirement benefit reduced for early payment.
Late Retirement	Eligible if employment continues after normal retirement date. The late retirement benefit is equal to the retirement benefit determined at the applicable freeze date based on normal retirement benefit formula and plan compensation and credited service at such date.
Forms of Payment	An employee will normally receive his benefit on a straight-life basis or, if married, the actuarial equivalent of such benefits payable as a 100% joint and survivor annuity. A single life annuity, 10-year certain annuity, and 50% joint and survivor annuity are also available options.
Actuarial Equivalent	The 30-year Treasury security rate for May and the 1983 Group Annuity Mortality Table weighted 50% male and 50% female.
Plan Year	July 1 to June 30.

Changes in Plan Provisions Since the Prior Year

None.

Former Hourly Employees' Pension Plan for Wynn's Precision, Inc. (Sub-Plan 148)

Effective Date	June 14, 1959, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Participation	Each participant who was a participant as of January 1, 2001 shall continue as a participant in the 2001 plan and his participation date shall be the date as of which he became a participant in the prior plan. Each employee who was not a participant in the prior plan of the employer shall become a participant in the 2001 plan on the January 1 coinciding with or next following the date of which the employee first performs an hour of service for the employer.
Continuous Service	The period during which an employee shall have been continuously employed by the employer or by the employer's division in Lebanon, Tennessee from his most recent date of employment to the date of his retirement under the Plan or his normal retirement date, whichever occurs first. Continuous service shall not accumulate in excess of two years during any one period of layoff, leave of absence, disability or other specified purpose.
Credited Service	Prior to January 1, 1976 credited service was based on continuous service, and after that date, credited service is computed on the basis of full years and completed months.
Normal Retirement	Eligibility is attainment of age 65 and five years of credited service. (A) Determinations made prior to June 30, 1999: The monthly benefit is $14.00 multiplied by credited service. If a participant was formerly employed with Wheaton, Inc., the benefit unit below is multiplied by credited service accrued after the date of acquisition of the Springfield, Kentucky plant.

Date of Retirement		
On or After	But Before	Benefit Unit
09-30-96	01-01-97	$10.00
01-01-97	07-01-99	$10.00, pills $1.00 multiplied by credited service under the Wheaton Consolidated Service Retirement Plan as of the acquisition.

(B) Determinations made after June 30, 1999:

The monthly benefit is $14.00 multiplied by credited service; then increased as shown below.

For employees formerly covered under the Wheaton Consolidated Service Retirement Plan, $4.00 times credited service earned under that plan at date of acquisition plus $14.00 times credited service thereafter; then increased as shown below

Effective As of:	Kentucky Employees	Lebanon Union Employees
April 2001	$5/$15	$15.00
May 2001	—	—
April 2002	$6/$16	$16.00
May 2002	—	—
April 2003	$7/$17	$17.00
May 2003	—	—
April 2004	$8/$18	$18.00
May 2004	—	—
April 2005	Closed	$19.00
April 2006		$20.00
April 2007		$21.00
April 2008		$23.00
April 2011		$23.50
April 2012		$23.75
April 2013		$24.25
April 2014		$24.75
April 2015		$25.00
April 2016		$25.25
April 2017		$25.25
April 2018		$26.25

Early Retirement	Eligibility is attainment of age 55 and completion of five years of credited service. Benefit is equal to either: (i) deferred benefit payable at his normal retirement date equal to accrued benefit determined as of his early retirement date, or (ii) an immediate pension equal to his accrued benefit determined as of his early retirement date but reduced 0.4% for each month that early retirement precedes normal retirement date.
Disability Benefit	Eligible after five or more years of credited service and deemed disabled by the Administrative Committee. Benefit is equal to: (A) Prior to the participant's normal retirement date, $19.00 multiplied by credited service; and (B) At the participant's normal retirement date, accrued retirement benefit determined as of his disability retirement date.
Termination	Eligible after three or more years of credited service (five years prior to July 1, 2008). The deferred vested benefit is equal to the normal retirement benefit payable at age 65, or payable as early as age 55, if reduced as for early retirement.
Preretirement Spouse's Benefit	Eligible upon the death of an active employee while eligible for a vested retirement benefit. A survivor annuity for the lifetime of the participant's spouse in an amount equal to and payable as follows: (A) If the participant dies on or after his earliest retirement age, the amount of the benefit would be a survivor annuity under the qualified joint and survivor annuity payable as if the participant had retired on the day before his date of death; or (B) If the participant dies prior to his earliest retirement age, the amount of benefit would be a survivor annuity under the qualified joint and survivor annuity payable as if the participant had terminated his employment on the date of death, survived to his earliest retirement age, and died on the day after he would have attained earliest retirement age.

Post Termination Spouse's Benefit	Eligible upon the death of a former employee while eligible for a vested benefit. A survivor annuity for the lifetime of the participant's spouse in an amount equal to and payable as follows: (A) If the participant dies on or after his earliest retirement age, the amount of the benefit would be a survivor annuity under the qualified joint and survivor annuity payable as if the participant had retired on the day before his date of death; or (B) If the participant dies prior to his earliest retirement age, the amount of benefit would be a survivor annuity under the qualified joint and survivor annuity payable as if the participant had terminated his employment on the date of death, survived to his earliest retirement age, and died on the day after he would have attained earliest retirement age.
Forms of Payment	A married employee shall receive his benefit on a 50% joint and survivor actuarially equivalent reduced basis unless the employee elects (with spousal consent) a life annuity. A single employee shall receive the benefit on a life annuity basis. Other options available are: ▪ 50%, 75%, or 100% joint and survivor ▪ 5, 10, or 15-year certain and life ▪ 50% joint and survivor with 10-year certain and life

Changes in Plan Provisions Since the Prior Year

- Increase in benefit unit and/or increase in the maximum years of participation.

Former Hourly Employees' Pension Plan for Dynamic Seals, Inc. (Sub-Plan 149)

Effective Date	March 1, 1982, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All hourly employees who are members of a designated class of employees for which a separate benefit schedule is adopted by the employer shall participate as of the date of hire.
Vesting Service	Continuous service as determined prior to March 1, 1982 under The Richardson Company 1966 Divisional Pension Plan for Hourly Rated Employees plus the exact number of years and days of an individual's employment with the employer.
Benefit Service	No service prior to March 1, 1982. Thereafter, the exact number of years and days of an individual's employment with the employer.
Normal Retirement	Eligibility is attainment of age 65 and completion of five years of vesting service. The amount of the monthly benefit is as follows:
Employees of Dynamic Seals, Inc. Houston, Texas Plant	$5.00 multiplied by credited service (as an employee under this plan) from March 1, 1982 (or date of hire, if later) to December 31, 1992 plus $7.50 multiplied by credited service on or after January 1, 1993 to January 1, 2001.
Employees of Dynamic Seals, Inc. Lynchburg, Virginia Plan	The benefit unit below is multiplied by all years of credited service (as an employee under this plan) after February 26, 1982 (or date of hire, if later).

Date of Retirement		
On or After	But Before	Benefit Unit
01-01-00	01-01-01	$ 9.50
01-01-01	01-01-02	$11.00
01-01-02	01-01-03	$13.00
01-01-03	01-01-04	$14.00
01-01-04	01-01-05	$15.00
01-01-05	01-01-06	$17.00
01-01-06	01-01-07	$18.00
01-01-07	01-01-08	$19.00
01-01-08	01-01-09	$20.00
01-01-09	01-01-14	$22.00
01-01-14	01-01-15	$23.00
01-01-15	01-01-16	$23.50
01-01-16	01-01-17	$24.00
01-01-17	01-01-18	$24.50
01-01-18	01-01-19	$25.50

Early Retirement

Eligibility is attainment of age 55 and completion of five years of vesting service.

Benefit is equal to either: (A) deferred benefit payable at normal retirement date equal to the accrued benefit at early retirement date, or (B) an immediate pension reduced 0.4% for each month that early retirement precedes normal retirement date.

Disability

Eligible after 15 years of vesting service and total and permanent disability.

The disability benefit is equal to the accrued retirement benefit determined at disability retirement date. The unreduced accrued retirement benefit will be doubled for the period between the date of disability benefits begin and the earlier of normal retirement date or the date the employee becomes eligible for Social Security primary old age or disability benefits.

Termination

Eligible after five or more years of vesting service.

Deferred vested benefit equal to the normal retirement benefit payable at age 65, or payable as early as age 55, if reduced as for early retirement.

Preretirement Spouse's Benefit	Eligible upon the death of an active married employee while eligible for a vested retirement benefit. A survivor annuity for the lifetime of the participant's spouse in an amount equal to and payable as: (A) If the participant dies on or after his earliest retirement age, the amount of the benefit would be a survivor annuity under the qualified joint and survivor annuity payable as if the participant had retired on the day before his date of death; or (B) If the participant dies prior to his earliest retirement age, the amount of the benefit would be a survivor annuity under the qualified joint and survivor annuity payable as if the participant had terminated his employment on the date of death, survived to his earliest retirement age, retired with commencement at his earliest retirement age, and died on the day after he would have attained earliest retirement age.
Post Termination Spouse's Benefit	Eligible upon the death of a former married employee while eligible for a vested benefit. A survivor annuity for the lifetime of the participant's spouse in an amount equal to and payable as: (A) If the participant dies on or after his earliest retirement age, the amount of the benefit would be a survivor annuity under the qualified joint and survivor annuity payable as if the participant had retired on the day before his date of death; or (B) If the participant dies prior to his earliest retirement age, the amount of the benefit would be a survivor annuity under the qualified joint and survivor annuity payable as if the participant had terminated his employment on the date of death, survived to his earliest retirement age, retired with commencement at his earliest retirement age, and died on the day after he would have attained earliest retirement age.

Special Termination Benefit

Eligible if attained five years of uninterrupted employment after March 1, 1982 and not eligible for a pension benefit other than severance under this plan and either terminated because no longer meets the requirements of the job and is not qualified for transfer to another job, or terminated because operations at a plant or department are permanently discontinued. This does not apply if the employee is temporarily disabled and under age 65 and leaves the service of the employer while still considered employable by the employer.

The benefit is computed on the following basis:

Length of Most Recent Uninterrupted Employment (After March 1, 1982)	Percent of Total Earnings (After March 1, 1982)
5 Years but Fewer Than 10	2.0%
10 Years but Fewer Than 15	2.5%
15 or More Years	3.0%

Earnings means the entire amount of compensation paid to the employee by the employer, including piecework earnings and bonuses, overtime pay, shift premiums, vacation pay, reporting for work pay and holiday pay.

Forms of Payment

A married employee shall receive his benefit on a 50% joint and survivor actuarially equivalent reduced basis unless the employee elects (with spousal consent) a life annuity. A single employee shall receive the benefit on a life annuity basis.

Other options available are:

- 50%, 75%, or 100% joint and survivor
- 5, 10, 15-year certain and life
- 50% joint and survivor with 10-year certain and life
- Lump sum payout

Changes in Plan Provisions Since the Prior Year

- Increase in benefit unit and/or increase in the maximum years of participation.

Former Goshen Rubber Company, Inc. Pension Plan—Goshen Plan Union Employees (Sub-Plan 150)

Effective Date	June 2, 1961, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Participation	Each employee who is covered under the collective bargaining agreement between the employer and Local 650, United Rubber, Cork Linoleum and Plastic Workers of America shall become a participant on the date next following the date as of which he has completed six months of employment without regard to hours of service. Note that employees on June 2, 1989 that were participants in the 1985 Plan will continue to be participants in the 1989 Plan, with their participation date equal to the participation date in the 1985 Plan.
Credited Service	Continuous service from the employee's employment commencement date to his severance from service date computed on the basis of completed one-twelfths of a year.
Vesting Service	Continuous service from the employee's employment commencement date to his severance from service date computed on the basis of completed one-twelfths of a year.
Normal Retirement	Eligibility is attainment of age 65. The monthly benefit is equal to the sum of the following: (A) Credited service earned prior to August 1, 1988 multiplied by $10.50; plus (B) Credited service earned after August 1, 1988, but before January 1, 1995 multiplied $15.50; plus (C) Credited service earned after January 1, 1995 but before June 2, 1998 multiplied by $18.00; plus

(D) Credited service earned after June 2, 1998 but before July 1, 2002 multiplied by $21.00;

plus

(E) Credited serviced earned after July 1, 2002 multiplied by the benefit unit shown below:

Date of Retirement		
On or After	But Before	Benefit Unit
07-01-02	07-01-03	$22.00
07-01-03	07-01-04	$22.75
07-01-04	07-01-05	$23.50
07-01-05	07-01-06	$24.25
07-01-06	07-01-07	$26.25
07-01-07	07-01-08	$28.25
07-01-08	06-27-10	$30.25
06-27-10	06-22-14	$31.25
06-22-14	06-22-15	$31.75
06-22-15	06-20-16	$32.00
06-20-16	06-17-17	$32.25
06-17-17	06-17-18	$32.50
06-17-18	06-17-19	$33.50

Early Retirement

Eligibility is attainment of age 55 and completion of 10 years of vesting service.

Benefit is equal to an immediate pension equal to the accrued benefit determined as of the early retirement date reduced 0.4% for each month that early retirement precedes the first day of the month coinciding with or otherwise next following the participant's sixty-second birthday.

Disability Retirement	Eligible after 10 years of vesting service. The disability benefit is equal to the accrued benefit determined as of the disability retirement date. This benefit will be increased by 100% if the participant is not entitled to Social Security disability payments. This increased benefit will be reduced to the regular disability benefit on his normal retirement date or when he begins to receive any Social Security payments, whichever comes first.
Termination	Eligible after five or more years of vesting service. Deferred vested benefit equal to the normal retirement benefit payable at age 65, or payable as early as age 55, if reduced as for early retirement. In lieu of receiving a benefit as described above, a participant may elect to receive a single lump sum severance benefit in the amount of $195.00 multiplied by his years of credited service. The participant's benefit payable as a monthly amount starting on his normal retirement date is then reduced by this lump sum.
Preretirement Spouse's Benefit	Eligible upon the death of an active married employee while eligible for a vested retirement benefit. A survivor annuity for the lifetime of the participant's spouse in an amount equal to and payable as follows: (A) If the participant dies on or after his earliest retirement age, the amount of the benefit would be a survivor annuity under the qualified joint and survivor annuity payable as if the participant had retired on the day before his date of death; or (B) If the participant dies prior to his earliest retirement age, the amount of the benefit would be a survivor annuity under the qualified joint and survivor annuity payable as if the participant had terminated his employment on the date of death, survived to his earliest retirement age, retired with commencement at his earliest retirement age, and died on the day after he would have attained earliest retirement age.

Post Termination Spouse's Benefit	Eligible upon the death of a former married employee while eligible for a vested benefit. A survivor annuity for the lifetime of the participant's spouse in an amount equal to and payable as follows: (A) If the participant dies on or after his earliest retirement age, the amount of the benefit would be a survivor annuity under the qualified joint and survivor annuity payable as if the participant had retired on the day before his date of death; or (B) If the participant dies prior to his earliest retirement age, the amount of the benefit would be a survivor annuity under the qualified joint and survivor annuity payable as if the participant had terminated his employment on the date of death, survived to his earliest retirement age, retired with commencement at his earliest retirement age, and died on the day after he would have attained earliest retirement age.
Forms of Payment	A married employee shall receive his benefit on a 50% joint and survivor actuarially equivalent reduced basis unless the employee elects (with spousal consent) a life annuity. A single employee shall receive the benefit on a life annuity basis. Other options available are: ▪ 50%, 75%, or 100% joint and survivor ▪ 5, 10, 15, or 20-year certain and life ▪ 50% joint and survivor with 10-year certain and life ▪ Level income option

Changes in Plan Provisions Since the Prior Year

- Increase in benefit unit and/or increase in the maximum years of participation.

Former Watts FluidAir Pension Plan—Hourly Participants (Sub-Plan 151-H)

Effective Date

March 18, 1978, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.

Eligibility

All production and maintenance employees of the company compensated on an hourly basis will be eligible for participation on the first day of the month coincident with or next following the date on which he has completed one year of eligibility service and has attained at least age 21.

Note: *An employee will be credited with one year of eligibility service after completing 1,000 hours of service during the 12-month period following his date of hire or during any following plan year.*

Vesting Service

One year of vesting service shall be credited for each plan year that the participant has earned 1,000 hours. If the participant has earned less than 1,000 hours, but has not experienced a break in service, vesting service credit will be granted according to the following schedule:

Hours of Service During One Plan Year	Vesting Service Credit
500–727	0.3
728–935	0.4
936–999	0.5
1,000 or More	1.0

Benefit Service

One full year of benefit service will be credited for every plan year that the member completes 2,080 hours of service; for less than 2,080 hours of service in a plan year, a fraction of a year equal to the number of hours of service divided by 2,080 (rounded to the nearest one-tenth) will be credited.

Normal Retirement

Eligibility is attainment of age 65.

The monthly benefit is equal to the benefit amount in the table below multiplied by benefit service.

Date of Retirement		
On or After	But Before	Benefit Unit
01-01-89	01-01-03	$11.00
01-01-03	07-01-04	$12.50
07-01-04	01-01-05	$13.50
01-01-05	01-01-06	$14.50
01-01-06	01-01-07	$16.00
01-01-07	01-01-08	$16.50
01-01-08	01-01-09	$17.50
01-01-09	01-01-11	$18.50
01-01-11	01-01-12	$19.50
01-01-12	01-01-13	$20.50
01-01-13	01-01-14	$22.00
01-01-14	01-01-15	$23.00

In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants at RMA eligible locations. The main provisions of the RMA are summarized in the Appendix.

Early Retirement

Eligibility is attainment of age 55 and completion of five years of vesting service.

The benefit is equal to the normal retirement benefit based on benefit service as of the early retirement date. Payments that begin prior to the normal retirement date will be reduced by 5/9 of 1% for each of the first 60 months by which commencement precedes the normal retirement date, and by 5/18 of 1% for each month thereafter, if any, by which commencement of benefits precedes the normal retirement date.

In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants at RMA eligible locations. The main provisions of the RMA are summarized in the Appendix.

If certain eligibility conditions are satisfied, a temporary pension supplement (TPS) is payable to participants at TPS eligible locations retiring prior to normal retirement. The main provisions of the TPS are summarized in the Appendix.

Termination	Eligible after five or more years of vesting service. Deferred vested benefit equal to the normal retirement benefit payable at age 65, or payable as early as age 55, if reduced as for early retirement.
Preretirement Spouse's Benefit	Eligible upon the death of an active employee while eligible for a vested retirement benefit providing the employee had been married for one year preceding his date of death. The benefit payable to the surviving spouse is equal to the spouse's portion of a 50% joint and survivor annuity calculated at the time of death but payable at the later of the participant's normal retirement date (or early retirement date at spouse's election) or date of death.
Post Termination Spouse's Benefit	Eligible upon the death of a former employee while eligible for a vested benefit providing the employee had been married for one year preceding his date of death. The benefit payable to the surviving spouse is equal to the spouse's portion of a 50% joint and survivor annuity calculated at the time of death but payable at the later of the participant's normal retirement date (or early retirement date at spouse's election) or date of death.
Pension Increase for Retirees	Retired participants as of June 1, 2001 received a one-time ("Millennium") pension increase. The Millennium increase amounts are summarized in the Appendix.
Forms of Payment	A married employee shall receive his benefit on a 50% joint and survivor actuarially equivalent reduced basis, unless the employee elects (with spousal consent) a life annuity. A single employee shall receive the benefit on a life annuity basis. Other options are available.

Changes in Plan Provisions Since the Prior Year

None.

Former Watts FluidAir Pension Plan—Salaried Participants (Sub-Plan 151-S)

Effective Date	January 1, 1989, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All clerical and salaried employees of the company will be eligible for participation on the first day of the month coincident with or next following the date on which he has completed one year of eligibility service and has attained age 21. ***Note:*** *an employee will be credited with one year of eligibility service after completing 1,000 hours of service during the 12-month period following his date of hire or during any following plan year.*
Vesting Service	A year of vesting service is granted for each plan year that the employee completes 1,000 or more hours of service.
Benefit Service	A year of benefit service is granted for each year that an employee completes 1,000 or more hours of service, excluding years of service prior to the participant's eighteenth birthday.
Final Average Earnings	The average of the highest 60 consecutive months of earnings within the last 120 months ending on the date of termination. Earnings are limited to the Section 401(a)(17) limit.
Normal Retirement	Eligibility is attainment of age 65. The monthly benefit will be equal to the greater of (A) and (B): (A) The frozen benefit as of December 31, 2000 calculated under the former Watts FluidAir Pension Plan for Salaried Employees formula, plus the benefit for future service calculated under the former Parker Hannifin Corporation Retirement Plan formula; or

(B) The benefit for all service calculated under the former Parker Hannifin Corporation Retirement Plan formula. (Same as Sub-Plan 050 formula.)

In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants at RMA eligible locations. The main provisions of the RMA are summarized in the Appendix.

Early Retirement

Eligibility is attainment of age 55 and completion of five years of vesting service.

The benefit is equal to the benefit calculated at normal retirement but based on final average earnings as of the early retirement date. Payments may begin before normal retirement date, but will be reduced in accordance with the following schedule:

Years Before Normal Retirement Date	Reduction Factor
0	1.000
1	0.923
2	0.846
3	0.769
4	0.731
5	0.692
6	0.654
7	0.615
8	0.577
9	0.529
10	0.486

In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants at RMA eligible locations. The main provisions of the RMA are summarized in the Appendix.

If certain eligibility conditions are satisfied, a temporary pension supplement (TPS) is payable to participants at TPS eligible locations retiring prior to normal retirement. The main provisions of the TPS are summarized in the Appendix.

Termination	Eligible after three or more years of vesting service (five years prior to July 1, 2008). Deferred vested benefit equal to the normal retirement benefit payable at age 65, or payable as early as age 55, if reduced as for early retirement.
Spouse's Benefit	Eligible upon the death of an active employee while eligible for a vested retirement benefit providing the employee had been married for one year preceding his date of death. The benefit payable to the surviving spouse is equal to the spouse's portion of the 50% joint and survivor benefit calculated at the time of death but payable at the later of the participant's normal retirement date (or early retirement date if the spouse elects) and date of death.
Pension Increase for Retirees	Retired participants as of June 1, 2001 received a one-time ("Millennium") pension increase. The Millennium increase amounts are summarized in the Appendix.
Retirement Income Account (RIA)	Plan participation was frozen as of April 1, 2004 to newly hired (and rehired) employees. Participants as of June 30, 2004 were given the following plan coverage choices: (A) Continued participation and full benefit accrual under the Consolidated Pension Plan; or (B) Frozen participation and accrued benefit amounts as of June 30, 2004 under the Consolidated Pension Plan, with future plan coverage and benefit accruals payable under a new Retirement Income Account (RIA) Plan. Note that service credits towards TPS benefit and RMA accruals and interest credits continue under the Consolidated Pension Plan to eligible participants as of the June 30, 2004 choice date.

Forms of Payment	A married employee shall receive his benefit on a 50% joint and survivor actuarially equivalent reduced basis, unless the employee elects (with spousal consent) a life annuity. A single employee shall receive the benefit on a life annuity basis. Other options available are: ▪ 50%, 75%, or 100% joint and survivor ▪ 5, 10, or 15-year certain and life ▪ 50% joint and survivor with 10-year certain and life

Changes in Plan Provisions Since the Prior Year

None.

Former Miller Fluid Power Defined Benefit Plan (Sub-Plan 153)

Effective Date	January 1, 1989, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Participation	Employees are eligible to participate at the later of the first of the month coinciding with or next following the date at which he reaches age 21 or one year of benefit service.
Vesting Service	
Salaried Participants	One year of service for each 12-month period of employment with prorated service (to the nearest 1/10th) for periods less than a full year.
Hourly Participants	An employee receives one year of vesting service for each plan year after January 1, 1989 in which 1,000 hours of service are performed.
Years of Benefit Service	
Salaried Participants	(A) Year of benefit service prior to January 1, 2002. A year of benefit service is earned for each year of employment in which a minimum of 1,000 hours is worked plus an additional partial year if less than 1,000 hours in year of retirement on or after age 65. (B) Year of benefit service after January 1, 2002. One year of service for each 12-month period of employment with prorated service (to the nearest one-tenth) for periods less than a full year.
Hourly Participants	A year of benefit service is earned for each year of employment in which a minimum of 1,000 hours is worked plus an additional partial year if less than 1,000 hours in year of retirement on or after age 65.

Average Monthly Compensation

Average of the highest five calendar years compensation including base salary, bonuses, overtime, incentive, etc., but excluding other compensation such as overseas allowances or moving expenses. Compensation exceeding the IRC section 401(a)(17) limit in the year of retirement or termination ($200,000 retroactively starting with the 2002 plan year) will be excluded when the average monthly compensation is determined.

Normal Retirement

Salaried Participants

Eligibility is attainment of age 65.

The monthly benefit is equal to (A) plus (B):

(A) The frozen benefit as of December 31, 2001 calculated under the former Miller Fluid Power Pension Plan.

(B) The monthly benefit equal to 26.25% of average monthly compensation up to Social Security covered compensation, plus 47.60% of average monthly compensation in excess of the Social Security benefit base, reduced proportionately if benefit service is under 35 years, plus 0.5% of average monthly compensation multiplied by the number of benefit service years earned after December 31, 2001 in excess of 35 (maximum five years). A minimum benefit based on the benefit unit table below times basic service earned after December 31, 2001 (maximum 40 years) will be paid. Social Security covered compensation is the average of the taxable wage bases under Social Security during the 35 years ending with the employee's Social Security retirement age.

Date of Retirement		Minimum
On or After	But Before	Benefit Unit
07-01-89	01-01-01	$12.50
01-01-01	01-01-02	$15.00
01-01-02	01-01-03	$18.00
01-01-03		$21.00

In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants at RMA eligible locations. The main provisions of the RMA are summarized in the Appendix.

Hourly Participants

(A) $5 multiplied by years of benefit service completed prior to January 1, 1989; and

(B) The benefit unit below multiplied by years of benefit service after December 31, 1988.

Date of Retirement		
On or After	**But Before**	**Benefit Unit**
01-01-89	04-01-02	$15.00
04-01-02	04-01-03	$16.00
04-01-03	04-01-05	$17.25
04-01-05		$18.50
Closed		

Early Retirement

Salaried Participants

Eligibility is attainment of age 55 and completion of 10 years of vesting service.

Benefit is equal to either: (i) deferred benefit payable at age 65 equal to the normal pension but using average monthly compensation at time of early retirement and using his years of service only to the retirement date, or (ii) an immediate pension equal to (i) but reduced 0.5% for each month that early retirement precedes normal retirement date.

In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants at RMA eligible locations. The main provisions of the RMA are summarized in the Appendix.

If certain eligibility conditions are satisfied, a temporary pension supplement (TPS) is payable to participants at TPS eligible locations retiring prior to normal retirement. The main provisions of the TPS are summarized in the Appendix.

Hourly Participants

Age 55 and 10 years, reduced 0.5% per month preceding normal retirement date.

Disability Retirement

Salaried Participants

No provision is provided applicable to the salary related formula.

Hourly Participants

Eligible upon termination of employment on account of total and permanent disability. The disability benefit is equal to the 100% vested accrued benefit at the date of disability and is payable at the normal retirement date.

Termination

Salaried Participants

Eligible after three or more years of vesting service (five years prior to July 1, 2008).

Deferred vested benefit equal to the normal retirement benefit payable at age 65, or payable as early as age 55, if reduced as for early retirement.

Hourly Participants

Employees are vested in their benefits based on the following schedule:

Years of Vesting Service	Vesting Percent
0–1	0%
2	20%
3	40%
4	60%
5	80%
6+	100%

Participants become 100% vested on their normal retirement date regardless of their years of vesting service.

Deferred vested benefit equal to the normal retirement benefit payable at age 65.

Preretirement Spouse's Benefit	
Salaried Participants	Eligible upon the death of an active employee while eligible for a vested retirement benefit providing the employee had been married for one year preceding the date of death. The benefit payable to the surviving spouse is determined as though the employee had retired the day before the date of death, taken immediate early retirement, and accepted the 50% joint and survivor option.
Hourly Participants	Eligible upon the death of an active married employee. The Surviving spouse will receive 50% of the amount of the benefit that the employee would have received had the employee been 100% vested, terminated on the day of death, survived to normal retirement date, elected the 50% joint and survivor form then died the day after retirement. The surviving spouse will begin to receive this benefit at the later of the employee's date of death or normal retirement date.
Post-Termination Spouse's Benefit	
Salaried Participants	Eligible upon the death of a former employee while eligible for a vested benefit providing the employee had been married for one year preceding his date of death. If the former employee dies after the attainment of age 55, the benefit payable to the surviving spouse is determined as though the former employee had commenced payments the day before the date of death and accepted the 50% joint and survivor option. If the former employee dies prior to the attainment of age 55, the benefit payable to the surviving spouse is determined as though the former employee had survived to age 55 and commenced payments under the 50% joint and survivor option.

Hourly Participants	Eligible upon the death of a former employee while eligible for a vested benefit. The surviving spouse will receive 50% of the employee's vested benefit calculated as if the 50% joint and survivor form was elected, payable the later of the employee's date of death or normal retirement date.
Retirement Income Account (IRA)	
Salaried Participants	Plan participation was frozen as of April 1, 2004 to newly hired (and rehired) employees. Participants as of June 30, 2004 were given the following plan coverage choices: (A) Continued participation and full benefit accrual under the Consolidated Pension Plan; or (B) Frozen participation and accrued benefit amounts as of June 30, 2004 under the Consolidated Pension Plan, with future plan coverage and benefit accruals payable under a new Retirement Income Account (RIA) Plan. Note that service credits towards TPS benefit and RMA accruals and interest credits continue under the Consolidated Pension Plan to eligible participants as of the June 30, 2004 choice date.
Forms of Payment	A married employee shall receive his benefit on a 50% joint and survivor actuarially equivalent reduced basis unless the employee elects (with spousal consent) a life annuity. A single employee shall receive the benefit on a life annuity basis. Other options available are: ▪ 50%, 75%, or 100% joint and survivor ▪ 5, 10, or 15-year certain and life ▪ 50% joint and survivor with 10-year certain and life

Changes in Plan Provisions Since the Prior Year

None.

Former Denison Hydraulics Inc. Hourly Pension for Former Delaware and Marysville Employees (Sub-Plan 157)

Effective Date	January 1, 1987 as the Hagglunds Denison Hourly Pension Plan, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Participation	All inactive and retired participants of the Hagglunds Denison Hourly Pension Plan as of May 31, 1993 became participants of the Denison Hydraulics, Inc. Hourly Pension Plan for Former Delaware and Marysville Employees. Future eligibility to participate under the plan was frozen effective June 30, 1993.
Vesting Service	One year of vesting service is credited for each twelve-consecutive month period during which the participant completes at least 1,000 hours of service.
Benefit Service	One year of benefit service is credited for each twelve-consecutive month period beginning on the date the employee first performs an hour of service. Each fraction of a calendar month period greater than 14 days shall equal one-twelfth of a year of benefit service. Benefit Service accrual under the plan was frozen effective June 30, 1993.
Normal Retirement	Eligibility is attainment of age 65.
Marysville	The monthly benefit is the applicable benefit unit below multiplied by the years of credited service.

Date of Retirement	Benefit Unit
01-01-87 to 06-27-87	$13.00
06-28-87 to 06-25-88	$13.50
06-26-88 to 06-24-89	$14.00
06-25-89 to 06-30-90	$14.50
07-01-90 to 06-30-91	$15.00
07-01-91 to 06-30-92	$16.00
07-01-92 and After	$17.00

Delaware

The monthly benefit is the applicable benefit unit below multiplied by the years of credited service.

Date of Retirement	Benefit Unit
01-01-87 to 04-26-87	$14.50
04-27-87 to 04-24-89	$15.50
04-25-89 and After	$16.00

For both Marysville and Delaware participants, this amount will be reduced by the benefit earned as of December 12, 1986 under the Non Contributory Retirement and Disability Pension Plan of Abex Corporation.

Early Retirement

Eligibility is attainment of age 60 and completion of 10 years of service.

The early retirement benefit is equal to the normal retirement benefit reduced by 5/9 of 1% for each month the benefit commences before the participant's normal retirement date. Unreduced benefit available if certain age/service requirements are met.

Disability Retirement

Eligibility is 10 years of service for a Marysville participant (15 years of service for a Delaware participant) who is deemed to be permanently disabled.

The disability retirement benefit is a monthly benefit payable until normal retirement equal to the normal retirement benefit (calculated using benefit service at disability) unreduced by the benefit due from Abex (increased by 50% if the individual is not receiving Social Security Disability) but not less than $100.00. At normal retirement the normal retirement benefit is payable.

Termination

Eligible after five or more years of vesting service.

The deferred vested benefit is equal to the normal retirement benefit payable at age 65, or payable as early as age 60 with 10 years of service, reduced as for early retirement.

Preretirement Spouse's Benefit	The eligible surviving spouse of a vested participant will receive a pension payable at the participant's earliest retirement date or immediately if the participant was eligible for retirement on the date of death. The pension will equal one half of the pension due the participant had he or she terminated on the date before death and elected a 50% joint and survivor annuity at the first eligible age.
Postretirement Death Benefit	A death benefit of $1,550 is payable to a named beneficiary of a participant who is retired (not a vested separation) if such participant was insured for life insurance under the company's group insurance plan immediately prior to retirement.
Normal Forms of Payment	An employee will normally receive his benefit on a straight life basis or, if married, a reduced monthly benefits payable for life with 50% of the reduced benefit continuing to the participant's spouse upon death. Other optional forms available are: ▪ 50%, 75%, or 100% joint and survivor ▪ 5, 10, 15-year certain and life ▪ 50% joint and survivor with 10-year certain and life ▪ Lump sum payout

Changes in Plan Provisions Since the Prior Year

None.

	Former Denison Hydraulics Inc. Salaried Pension Plan (Sub-Plan 158)
Effective Date	January 1, 1987 as the Hagglunds Denison Salaried Pension Plan, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	Each non-union salaried employee as of the effective date became a participant as of that date. Any other non-union salaried employee became a participant on his employment date or transfer date. All participants of the Hagglunds Denison Hourly Pension Plan as of June 15, 1993 became participants of the Denison Hydraulics, Inc. Salaried Pension Plan on that date. Future eligibility to participate under the plan was frozen effective December 31, 1994.
Vesting Service	A year of vesting service is granted for each year of employment commencing on the date the employee first performs an hour of service and ending on his or her date of retirement or termination; partial credit will be granted on the basis of completed days worked.
Benefit Service	A year of benefit service is granted for each year of employment commencing on the date the employee first performs an hour of service and ending on his or her date of retirement or termination; partial credit will be granted on the basis of completed days worked. Benefit service accrual under the plan was frozen effective December 31, 1994.
Final Average Earnings	The average of the highest 36 consecutive months of earnings prior to December 31, 1994, or, if earlier, on the date of termination or retirement. Earnings are limited to the Section 401(a)(l7) limit.
Normal Retirement	Eligibility is attainment of age 65. The benefit payable for life of the participant will be equal to (A) + (B) + (C) but not less than (D): (A) 0.8% of average annual compensation times years of credited service not in excess of 35 years.

(B) 0.4% of average annual compensation in excess of covered compensation times years of credited service to a maximum of 35 years.

(C) 1.5% of average annual compensation times years of credited service in excess of 35 years.

Participants who are due benefits from a former "Recognized Employer" (including Abex Corporation, ASEA Hagglunds, Inc. or ABB Power Generation, Inc.) will have the above benefit offset by benefits accrued under plans sponsored by the former "Recognized Employers."

(D) The participant's accrued benefit under the prior plan in effect December 31, 1989.

Regular Early Retirement

Eligible at age 60 with a minimum of 10 years of service or if hired prior to age 35, and combined age and service total at least 75.

The early retirement benefit is the accrued portion of the normal retirement benefit reduced as follows.

(A) For participants who were hired prior to age 35, have completed more than 30 years of service and retire with combined age and service totaling at least 75, the monthly pension is reduced by ½ of 1% for each month the benefit commencement date precedes age 60.

(B) For participants who were hired prior to age 35, have completed less than 30 years of service and retire with combined age and service totaling at least 75, the Monthly pension is reduced by ½ of 1% for each month the benefit commencement date precedes the date the participant would have attained age 60 or 30 years of service, whichever is later.

(C) For all other participants, the monthly pension is reduced by ½ of 1% for each month the benefit commencement date precedes normal retirement.

Participants entitled to benefits payable under Items (A) and (B) above, are also entitled to an annual supplement equal to $33.00 times years of credited service, appropriately reduced, as noted above, payable until age

	65. In no event should combined annual benefits (regular plus supplemental) payable to such participants prior to age 65 be less than $189.00 times years of credited service.
Termination	Eligible after three or more years of vesting service (five years prior to July 1, 2008). Deferred vested benefit equal to the normal retirement benefit payable at age 65, or payable as early as age 55, if reduced as for early retirement.
Preretirement Spouse's Benefit	The eligible surviving spouse of a vested participant will receive benefits payable at the participant's earliest retirement date or immediately if the participant was eligible for retirement on the date of death. The pension will equal one-half of the pension due the participant had he or she terminated on the day before death and elected a 50% joint and survivorship at the first eligible age.
Disability Benefit	A participant who is disabled prior to normal retirement or early retirement shall receive a benefit at normal retirement or early retirement assuming the participant continued to earn credited service and compensation at the rate of compensation in effect on the date of disability through that period, However, service and compensation earned after December 31, 1994 will not be considered.
Forms of Payment	A married employee shall receive his benefit on a 50% joint and survivor actuarially equivalent reduced basis, unless the employee elects (with spousal consent) a life annuity. A single employee shall receive the benefit on a life annuity basis. Other options available are: ▪ 50%, 75%, or 100% joint and survivor ▪ 5, 10, 15-year certain and life ▪ 50% joint and survivor with 10-year certain and life ▪ Level income option

Changes in Plan Provisions Since the Prior Year

None.

Former Pension Plan for Hourly Paid Employees of Sporlan Valve Company and Jefferson Products Company (Sub-Plan 161)

Effective Date	January 1, 1985, as restated July 1, 2001 and amended through the valuation date, most recently Amendment 16. This plan was merged with the Parker Hannifin Corporation Pension Plan, effective December 31, 2004.
Eligibility	Hourly paid employees in covered service working at least 667 hours per year participate after one year of employment; provided however there shall be no new participants hired on or after January 1, 2002.
Covered Service	The period during which a person is an hourly paid employee excluding anyone covered by a collective bargaining agreement under which retirement benefits were the subject of good faith bargaining and anyone working for the division of Jefferson Products Company doing business as Cline or the business operation known as I Line Manufacturing.
Benefit Service	(A) Employment periods prior to January 1, 1959. For each calendar year prior to January 1, 1959: (i) One year, if paid for 2,000 or more hours of covered service; or (ii) One-twelfth year for each 167 paid hours of covered service. Provided that total benefit service for all periods prior to January 1, 1959 shall not exceed 20 years. (B) Employment periods after January 1, 1959. For each calendar year after December 31, 1958: (i) One year of service for each 12-month period of employment with prorated service (to the nearest one-tenth) for periods less than a full year.

(ii) ¾ year for 1,000 to 1,333 hours of service; or

(iii) ½ year for 667 to 999 hours of service.

(iv) One-twelfth year for each 167 hours of service for total hours of service from 167 to 666.

Effective January 1, 2002, an employee who returns to service on or after January 1, 2002, following a layoff of more than 18 months or termination of service for 14 or more calendar days shall not earn any fractional or full years of benefit service for periods beginning on or after such return to service.

Vesting Service

Continuous employment prior to January 1, 1976 plus each calendar year after December 31, 1975 in which a person has 1,000 hours of service or more.

Normal Retirement

(A) Eligible at age 65 with five years of benefit service (but not later than the later of age 65 or the fifth anniversary of plan participation).

(B) For participants leaving covered employment after December 31, 1992:

$6.00 times years of benefit service from January 1, 1939 to December 31, 1948; plus

$13.00 times years of benefit service from January 1, 1949 to December 31, 1988; plus

$17.00 times years of benefit service from January 1, 1989 to December 31, 1992; plus

$19.00 times years of benefit service after December 31, 1992.

Future benefit accruals under this plan ceased effective with the December 31, 2004 plan merger.

Early Retirement

(A) Eligible at age 60 with 10 years of benefit service.

(B) Accrued benefit reduced by 3/9% for each month that early retirement precedes normal retirement date.

For participants who left covered employment before January 1, 1992, the reduction is 5/9% for each month that early retirement precedes normal retirement date.

Future benefit accruals under this plan ceased effective with the December 31, 2004 plan merger.

Sporlan Plan participants actively employed and under age 50 on the December 31, 2004 plan merger date are eligible for the temporary pension supplement (TPS) upon retirement after attaining age 60 with at least 10 years of vesting service (but not age 55 with 20 years of vesting service), provided the participants are not eligible for Medicare. The main provisions of the TPS are summarized in the Appendix.

Late Retirement

(A) Eligible after normal retirement.

(B) Greater of accrued benefit at late retirement or actuarial equivalent of normal retirement benefit at late retirement.

Future benefit accruals under this plan ceased effective with the December 31, 2004 plan merger.

Disability Retirement

(A) Eligible after 15 years of benefit service and termination due to covered total and permanent disability lasting at least six months.

(B) Accrued benefit.

Future benefit accruals under this plan ceased effective with the December 31, 2004 plan merger.

Termination

Eligible after three years of vesting service (five years prior to July 1, 2008).

Full accrued benefit payable beginning at normal retirement or, with 10 years of benefit service, reduced early retirement benefit beginning from age 60 to 65.

Future benefit accruals under this plan ceased effective with the December 31, 2004 plan merger.

Form of Benefit	Five years certain and life normal form. Other options available are: ▪ 50%, 75%, or 100% joint and survivor ▪ 5, 10, 15-year certain and life ▪ 50% joint and survivor with 10-year certain and life ▪ Lump sum payout
Preretirement Death Benefit	Eligible if married and age 60 with 10 years of benefit service, married with five years of vesting service or unmarried and active with five years of vesting service. (A) If participant had been married and eligible for early retirement monthly benefit to spouse for life. For deaths occurring before January 1, 1990, accrued benefit reduced for 50% joint and survivor payment form. For deaths occurring on or after January 1, 1990, accrued benefit of participant. (B) If participant had been married and vested but not eligible for early retirement monthly benefit to spouse for life commencing at first date participant would have been able to commence vested deferred termination benefit. For deaths occurring before January 1, 1990, one half of accrued benefit reduced for 50% joint and survivor payment form. For deaths occurring on or after January 1, 1990, accrued benefit of participant. (C) If participant had been active, unmarried and vested monthly for 60 months. For deaths occurring after December 31, 1991, accrued benefit discounted by 6% per annum for the period between actual commencement and the month following the month containing the employee's sixty-fifth birthday.

Changes in Plan Provisions Since the Prior Year

None.

Former Legris Inc. Retirement Plan (Sub-Plan 184)

Effective Date	The Legris, Inc. Retirement Plan was merged into the plan, effective July 1, 2010.
Eligibility	Age 20½ and one year of work with at least 1,000 hours. No employee hired on or after March 1, 2009 will become an active participant and no inactive participant of former participant will again become an active participant.
Vesting and Benefit Service	A year of vesting and benefit service is granted for each year of employment commencing on (1) the later of date the employee first performs an hour of service or reemployment or (2) January 1, 2010 and ending on his or her date of retirement or termination; partial credit will be granted on the basis of completed days worked.
Final Average Earnings	The average of the highest five years of compensation. Earnings are limited to the Section 401(a)(17) limit.
Normal Retirement	Eligibility is the later of attainment of age 65 or five years of vesting service. 48% of final average earnings × accrued benefit adjustment. The accrued benefit adjustment is the quotient of benefit service divided by the greater of 25 years or benefit service projected to the normal retirement date.
Early Retirement	Eligible at age 55 and six years of vesting service. The early retirement benefit is the accrued portion of the normal retirement benefit reduced 6⅔% for each year up to five and 3⅓% for each year between five and 10 that the early retirement date precedes the normal retirement date.
Termination	Eligible after two or more years of vesting service. The accrued benefit is 20% vested after two years of vesting service, increasing 20% per year to 100% after six years of vesting service. Deferred vested benefit is equal to the vested portion of the accrued benefit at normal retirement age.

Preretirement Spouse's Benefit	The eligible surviving spouse of a vested participant will receive benefits payable at the participant's earliest retirement age or immediately if the participant was eligible for retirement on the date of death. The pension will equal one half of the pension due the participant had he or she terminated on the day before death and elected a 50% joint and survivorship at the first eligible age.
Forms of Payment	A married employee shall receive his benefit on a 50% joint and survivor actuarially equivalent reduced basis, unless the employee elects (with spousal consent) a life annuity. A single employee shall receive the benefit on a life annuity basis. Other options available are: ▪ 50%, 66⅔%, 75%, or 100% joint and survivor ▪ 5, 10, 15-year certain and life ▪ 50% joint and survivor with 10-year certain and life ▪ Level income option Any form of payment other than a life annuity will be reduced based on the ages of the participant and spouse (or beneficiary) when the benefits begin using factors based on the mortality table set forth in Revenue Ruling 95-6 and a 7.5% interest rate.

Changes in Plan Provisions Since the Prior Year

None.

Snap-Tite, Inc. Pension Plan (Sub-Plan 188)

Effective Date	June 1, 1963; as and last amended and restated effective June 1, 2010. The plan was merged into the Consolidated Pension Plan as of December 31, 2012.
Eligibility	All non-union employees are eligible to participate on the June 1 or December 1 following completion of one (1) year of service. Plan was frozen to all new participants effective May 31, 2006. An employee who was employed by Autoclave Engineers, Inc. shall commence earning credited service effective January 1, 1996. An employee who was employed by National Fire Hose, Inc. shall commence earning credited service effective February 1, 1998.
Service Eligibility	Completion of 1,000 hours of service during the 12-month period following employee's first hour of service, or any plan year.
Credited Service	Years and months of employment completed prior to June 1, 1975. A year of service shall be credited for each plan year after June 1, 1975 in which the employee works 1,000 hours of service. If the member works less than 1,000 hours in the last plan year, he will receive credit for any month that he works 83 hours of service. Service prior to June 1, 1978 is excluded for benefit accrual purposes for Airmatic-Allied employees as of that date. Credited service was frozen as of May 31, 2006.
Compensation	Gross calendar year compensation.
Average Annual Compensation	Average of the highest five consecutive calendar years' compensation in the last 10 calendar years preceding date of determination.

Retirement Dates	
Early	Age 60 with five years of service.
Normal	Age 65 with five years of service.
Late	Any time after normal retirement date.
Disability	Receiving Social Security disability benefits.
Retirement and Termination Benefits	
Accrued Benefit	For employees who were under the Office and Salaried Plan: Equal to the greater of (a) or (b): (a) The accrued benefit to June 1, 1975 under the Group Annuity contract plus 1% of final average annual compensation times the number of years of credited service since June 1, 1975 up to 25 years. (b) The projected benefit under the prior Group Annuity contract (Table I of the plan document) times the ratio of service to date over potential service up to normal retirement date. For employees who were under the Executive Plan and all other employees joining the plan on or after June 1, 1978: Equal to 1% of average annual compensation times the number of years of credited service up to a maximum of 25 years.
Early Retirement	Accrued benefit reduced by 3% for each year the benefit commencement date precedes normal retirement date.
Normal Retirement	Accrued benefit.
Late Retirement	Actuarial equivalent of benefit that would have been payable at normal retirement date.
Disability	Accrued benefit reduced by 3% for each of the first 10 years and actuarially for years beyond 10 that benefit commencement date precedes normal retirement date.
Vested Termination	Accrued benefit at date of termination times the percentage vested.
Vesting Schedule	A participant is 100% vested in his accrued benefit upon completion of five years of credited service.

Preretirement Death Benefits	In the case of any participant or terminated participant who dies prior to the commencement of benefits under this plan when he is vested in any portion of his accrued benefit, a death benefit shall be payable to his surviving spouse in accordance with paragraph (a) or (b) below as applicable. (a) If a participant dies after the earliest retirement age, the participant's surviving spouse (if any) will receive the same benefit that would have been payable if the participant had retired with an immediate qualified joint and survivor annuity on the day before the participant's date of death. The spouse may elect to start benefits later than the date on which payments would have been made to the surviving spouse under a qualified joint and survivor annuity. If payments are delayed, they shall be adjusted using the early retirement factors. (b) If a participant dies on or before the earliest retirement age, the participant's surviving spouse (if any) will receive the same benefit that would be payable if the participant had: (i) Separated from service on the date of death; (ii) Survived to the earliest retirement age; (iii) Retired with an immediate qualified joint and survivor annuity at the earliest retirement age; and (iv) Died on the day after the earliest retirement age. If a participant's death occurs after his normal retirement date and before he actually retires, payments shall be made to his spouse as if the participant had retired on his date of death and selected the 100% contingent annuitant option to his spouse.
Employee Contributions	None required.

Payment Forms

Normal	Life only annuity, automatically payable as a 50% joint and survivor annuity to married participants.
Optional	Optional forms are: ▪ Life annuity with five years certain and guaranteed. ▪ Life annuity with 10 years certain and guaranteed. ▪ 75% joint and survivor spousal annuity. ▪ 100% joint and survivor spousal annuity.

Plan Changes Since the Prior Year

None.

Former QD&V Union City Plan Production Employees' Pension Plan (Sub-Plan 189)

Effective Date	June 1, 1978; as last amended and restated effective June 1, 2010. The plan was merged into the Consolidated Pension Plan as of December 31, 2012.
Eligibility	All employees who are employed as a production employee at the QD&V Union City Plant are eligible to participate 30 days after their date of employment. Plan was frozen to new participants as of May 31, 2006.
Retirement Dates	
Early	Age 60 and 10 years of service.
Normal	Age 65 and five years of participation.
Late	Any time after normal retirement date.
Disability	Ten years of credited service and is eligible and receiving Social Security disability benefits.
Retirement and Termination Benefits	
Accrued Benefit	A monthly benefit equal to the product of the benefit multiplier in effect as of retirement, termination, disability, or death and the participant's years and months of credited service. Credited service is years and months of employment completed from date of hire to termination of employment. Plan was frozen for all future benefit accruals effective May 31, 2006. The negotiated benefit multipliers are as follows:

Effective Date	Benefit Multiplier
Prior to November 18, 1996	$18.00
November 18, 1996 through May 31, 1997	$18.50
June 1, 1997 through May 31, 1998	$19.00
June 1, 1998 through September 30, 1999	$19.50
October 1, 1999 through May 31, 2000	$20.00
June 1, 2000 and After	$20.50

Early Retirement	Accrued benefit reduced by one-fifteenth for each year the benefit commencement date precedes normal retirement date.
Normal Retirement	Accrued benefit.

Late Retirement	Accrued benefit determined as of actual retirement date.
Disability	Accrued benefit reduced by one-fifteenth for each of the first five years and actuarially for years beyond five that benefit commencement date precedes normal retirement date.
Minimum Benefit	In all instances, if the actuarial value of the benefit is less than the account balance from the prior plan, the account balance will be the benefit.
Vested Termination	If a member has completed less than five years of credited service, 100% of his account balance will be payable. If a member has completed at least five years of credited service, he will be entitled to the greater of his monthly accrued benefit or the monthly benefit provided by his account balance.
Preretirement Death Benefits	If death occurs prior to completing five years of service or while the member is not married, no benefits shall be payable from this plan. Upon the death of a married member who qualifies for early retirement, the member's spouse shall receive a monthly benefit for life based on the benefit payable under a joint and 50% survivor annuity which the member's spouse would receive assuming the member retired on the day before his death. The spouse of any married vested participant who was not eligible for early retirement is also eligible for a benefit if the participant should die prior to his normal retirement date. The monthly pension payable at the participant's earliest retirement date will be an amount equal to the benefit calculated as though the participant survived to his earliest retirement age, selected a 50% qualified joint and survivor annuity, and died on the day after the day of attaining the earliest retirement age. This amount will not be less than the monthly benefit that his account balance would purchase for the member's spouse under a life only annuity.
Employee Contributions	None required.

Payment Forms	
Normal	Life only annuity, automatically payable as a 50% joint and survivor annuity to married participants.
Optional	Optional forms are: ▪ Life annuity with five years certain and guaranteed. ▪ Life annuity with 10 years certain and guaranteed. ▪ 75% joint and survivor spousal annuity. ▪ 100% joint and survivor spousal annuity.

Plan Changes Since the Prior Year

None.

Former PONN Manufacturing Plant Production Employees' Pension Plan (Sub-plan 190)

Effective Date	The plan became effective April 1, 1996 and has been most recently amended and restated effective June 1, 2010. The plan was merged into the Consolidated Pension Plan as of December 31, 2012.
Eligibility	All employees employed as a production employee located at the PONN manufacturing plant are eligible to participate 30 days after their date of employment. The plan was frozen to new participants as of May 31, 2006.
Retirement Dates	
Early	Age 60 and 10 years of service. The benefit earned under the Snap-Tite, Inc. Pension Plan is payable at age 60 and five years of service.
Normal	Age 65 and five years of participation.
Late	Any time after normal retirement date.
Disability	Ten years of credited service and is eligible and receiving Social Security disability benefits.
Retirement and Termination Benefits	Upon retirement, termination, disability, or death, a participant shall be entitled to receive the sum of their benefit earned under the provisions of the Snap-Tite, Inc. Pension Plan as of April 1, 1996 which was transferred to this plan, plus the product of the participant's years and months of credited service since April 1, 1996 and the benefit multiplier in effect as of retirement, termination, disability, or death. Credited service is years and months of employment completed from date of hire (but never prior to April 1, 1996) to termination of employment. The plan was frozen for all future benefit accruals effective May 31, 2006. The negotiated benefit multipliers are as follows:

Effective Date	Benefit Multiplier
April 1, 1996 through March 31, 1997	$18.00
April 1, 1997 through March 31, 1998	$18.50
April 1, 1998 through March 31, 1999	$19.00
April 1, 1999 through October 7, 2000	$19.50
October 8, 2000 and After	$20.50

Early Retirement	Accrued benefit reduced by one-fifteenth for each year the benefit commencement date precedes normal retirement date. The accrued benefit earned under the Snap-Tite, Inc. Pension Plan which has been transferred to this plan shall be subject to a 3% per year early retirement reduction factor.
Normal Retirement	Accrued benefit.
Late Retirement	Accrued benefit determined as of actual retirement date.
Disability	Accrued benefit reduced by one-fifteenth for each of the first five years and actuarially for years beyond five that benefit commencement date precedes normal retirement date. The accrued benefit earned under the Snap-Tite, Inc. Pension Plan which has been transferred to this plan shall be subject to a 3% per year reduction factor for the first five years and actuarially for years beyond five that benefit commencement date precedes normal retirement date.
Vested Termination	If a member has completed less than five years of credited service, (including service prior to April 1, 1996) no benefits shall be payable from the plan. If a member has completed at least five years of credited service, he will be entitled to his monthly accrued benefit.
Preretirement Death Benefits	If death occurs prior to completing five years of service or while the member is not married, no benefits shall be payable from this plan. Upon the death of a married member who qualified for early retirement, the member's spouse shall receive a monthly benefit for life based on the benefit payable under a joint and 50% survivor annuity which the member's spouse would receive assuming the member retired on the day before his death. The spouse of any married vested participant who is not eligible for early retirement is also eligible for a benefit if the participant should die prior to his normal retirement date. The monthly pension payable at the participant's earliest retirement date will be an amount equal to the benefit calculated as though the participant survived to

	his earliest retirement age, selected a 50% qualified joint and survivor annuity, and died on the day after the day of attaining the earliest retirement age.
Employee Contributions	None required.
Payment Forms	
Normal	Life only annuity, automatically payable as a 50% joint and survivor annuity to married participants.
Optional	Optional forms are: ▪ Life annuity with five years certain and guaranteed. ▪ Life annuity with 10 years certain and guaranteed. ▪ 75% joint and survivor spousal annuity. ▪ 100% joint and survivor spousal annuity.

Plan Changes Since the Prior Year

None.

Appendix—RMA and TPS Benefits

RMA Benefits (Active Participants)

A retiree medical account (RMA) opening balance was established on the opening balance date for all active participating employees as of the effective date at RMA eligible locations. This opening balance was calculated as follows:

- An annual RMA credit is assumed to be granted to each RMA eligible participant on each December 31 from the RMA accrual date to the opening balance date.
- Each annual RMA credit is accumulated using a 6% annual interest rate from the December 31 date. It is credited to the opening balance date.

After the establishment of the opening balance, interest will be credited to the RMA at the end of each month based on a 6% annual interest rate. These monthly interest credits will continue until the date of benefit commencement.

Each eligible participant will also receive an annual RMA credit on each December 31 as long as the participant remains an employee. The annual RMA credit, which is based on the age of the participant at the RMA accrual date, will be the same annual RMA credit that was used to determine the opening balance. The RMA accrual date is generally the participant's original date of hire or the credited service date for some acquisitions.

The table below shows the annual RMA credit based on several sample participant ages on their accrual dates:

Age on RMA Accrual Date	Annual RMA Credit
25	$185
30	$230
35	$295
40	$380
45	$510
50	$500
55	$850
60	$850

Upon benefit commencement, the accumulated RMA balance is converted to a monthly annuity as follows:

- For unmarried participants, the benefit will be paid as a life annuity.
- For married participants, the benefit will be paid as a 50% qualified joint and survivor annuity (without any actuarial reduction).

The basis upon which the RMA balance is converted to a monthly annuity is the 1994 Group Annuity Reserving Table, a 7% annual rate of interest, plus a 10% increase in the resulting annuity conversion factor. The conversion factors are based on the participant's age at benefit commencement.

A preretirement survivor benefit is available if the participant is not eligible for early retirement at the time of death, but has completed five or more years of vesting service. This RMA preretirement survivor benefit is payable as early as the date the participant would have attained age 55 in an amount equal to 50% of the benefit that would have been payable had the participant survived until the earliest possible retirement age under the plan. If the participant is eligible for early retirement at the time of death, the RMA preretirement survivor benefit is payable immediately and is equal to 50% of the benefit that would have been payable had the participant retired the day before death.

RMA Benefits (Retired Participants on June 1, 2001)

The RMA benefit for this group is an additional monthly pension paid effective June 1, 2001. Retirees in payment status (or deferred retirees) on June 1, 2001 who were eligible for retiree medical now receive an RMA benefit based on their years of service at termination. The amount of the monthly RMA benefit is determined by the table below:

Years of Service	RMA Benefit
10–19	$120
20–29	$160
30 and Over	$200

Surviving spouses in payment status on June 1, 2001 receive one half of the RMA that the participant would have received based the participant's service.

TPS Benefits (Active Participants)

A participant may also be eligible to receive a temporary pension supplement (TPS) at benefit commencement if retiring from active service prior to normal retirement and meeting certain eligibility conditions. Participants retiring under normal, early or disability retirement, will receive the TPS payable until age 65 if the participant retires at age 60 with 10 or more years of service, or at age 55 with 20 or more years of service. Participants retiring under normal, early or disability retirement who were at least age 50 with five or more years of service on July 1, 2001 will be eligible for the supplement if the participant retires on or after age 55 with 10 or more years of service. For this latter group of participants, the supplement will continue to be paid through the later of the month prior to the participant's sixty-fifth birthday or the spouse's sixty-fifth birthday. The TPS is payable as a life annuity for participants who are not married at the time of commencement and as a 50% qualified joint and survivor annuity (without any actuarial reduction) for participants who are married at the time of commencement.

The amount of the monthly TPS is determined by the table below:

Years of Service	Monthly TPS to Age 65
10–14	$180
15–19	$230
20–24	$300
25–29	$370
30–34	$450
35–39	$500
40 and Over	$550

A preretirement survivor benefit is available if the participant is eligible for the TPS at the time of death; the surviving spouse will receive a benefit equal to 50% of the TPS amount that the participant would have been entitled to, had the participant retired the day before death. This preretirement survivor TPS benefit is payable until the month prior to the former participant's sixty-fifth birthday. If the employee was age 50 or older with five or more years of service on July 1, 2001 and died after attaining age 55 with at least 10 years of service, the preretirement survivor TPS benefit payable to the surviving spouse continues until the later of the month prior to the participant's sixty-fifth birthday or the surviving spouse's sixty-fifth birthday.

TPS Benefits (Retired Participants on June 1, 2001

Retirees who were under age 65 or retirees who have spouses who were under age 65 as of June 1, 2001 receive the TPS to the later of the month before the retiree or spouse turns age 65. The amount of the TPS is determined by the table below:

Years of Service	TPS Benefit
10–19	$210
20–29	$330
30 and Over	$450

Retirees at the Stratoflex locations (HRIS codes 27400, 27800, 28400 and now receive a TPS benefit, which is payable only until the later of the month before the retiree or spouse turns age 65. The amount of the TPS is based on the table below:

Years of Service	Stratoflex TPS Benefit
10–19	$270
20–29	$410
30 and Over	$550

	If a retiree in pay status as of June 1, 2001 subsequently dies, the surviving spouse will continue to receive one half of the RMA plus one half of the TPS, if applicable. Surviving spouses in pay status on June 1, 2001 receive one half of the TPS that the participant would have received based on his or her age and service.
Millennium Increase	The "Millennium Increase" is a one-time pension (Retired Participants on June 1, 2001) increase for all normal, early and disabled retirees, plus surviving spouses, who had attained age 65 as of June 1, 2001 and in who were payment status on that date. The pension increase was 2% for each year the participant was over age 65 (or retirement date, if later), with a maximum increase of 10%. The minimum benefit increase was $5.00 per month for each year the participant was over age 65 (or retirement date, if later), or at least $25.00 per month.

Plan Changes Since the Prior Year

The funding valuation reflects the following plan changes:

- Many locations had an increase in the multiplier used in the benefit formula and/or an increase in the maximum years of participation. See the Plan Provisions section for details.
  - For the funding valuation, any multiplier changes adopted on or before September 1, 2018 were reflected in the valuation as allowed through an optional election under the Pension Protection Act of 2006. The multiplier becoming effective during the current plan year was used in the benefit formula and was considered effective as of the beginning of the plan year, in accordance with the Pension Protection Act of 2006.
- An increase in the annual maximum benefit limit under IRC section 415 from $215,000 to $220,000.
- An increase in the annual pay limit under IRC Section 401(a)(17) from $270,000 to $275,000.
- A change in the mortality for determining minimum lump sum payments under IRC section 417(e)(3) to the applicable rates for the current plan year.

Other Information to Fully and Fairly Disclose the Actuarial Position of the Plan

Due to software limitations with the electronic filing process, information filed electronically cannot be controlled by the Enrolled Actuary. The values on the signed Schedule SB will govern to the extent there are any differences in the entries filed electronically and the actual data contained on the signed Schedule SB.

Plan Mergers

Following the required procedures under Revenue Procedure 2017-57, approval was requested for a funding method change for the 2017 and 2018 plan years due to the plan mergers during the 2017 plan year. The IRS approved the method changes on May 29, 2019. Details of the funding method changes impacting the 2018 plan year can be found in the Line 25 attachment.

Schedule SB Attachment (Form 5500)—June 1, 2018 Plan Year
Parker-Hannifin Consolidated Pension Plan - A
EIN: 34-0451060 PN: 001

Prior to the mergers, the plan did not have a funding shortfall for the 2017 plan year, so quarterly contributions were initially not required for the 2018 plan year. However, the Parker-Hannifin Consolidated Pension Plan that merged in on June 30, 2017 did have a shortfall and therefore quarterly contributions are required for the 2018 plan year, which is reflected on Line 20.

IRS approval on May 29, 2019 outlined that the Prefunding Balance will be brought forward with the rate of return on assets for the merged plan from the last calculation date to June 1, 2018 and then combined. Below are details on the development of Lines 7 through 13.

Funding Standard	**Prefunding Carryover Balance**	**Balance**
(1) Beginning Balance, June 1, 2017	$ 0	$ 0
(2) Beginning Balance, June 30, 2017 from merger	$ 0	$ 309,447,504
(3) Balances Used During 2017		
(a) Balance Applied to 2017 Minimum Required Contribution	$ 0	$ 61,292,357[1]
(b) Balance Waived or Deemed Waived for 2017 Plan Year	0	0
(c) Total	$ 0	$ 61,292,357
(4) Amount Remaining, (1) – 2(c)	$ 0	$ 248,155,147
(1) Investment Return During 2017 Plan Year	6.71%[2]	6.71%[2]
(2) Interest Earned on Balance, (3) x (4)	$ 0	$ 16,651,210[3]
(3) Prior Year Excess Contributions		
(a) Excess 2017 Plan Year Contributions		
i. Excess Cash Contributions	N/A	$ 124,224,786
ii. Excess Contributions Due to Balances	N/A	61,292,357
iii. Total Excess Contributions	N/A	$ 185,517,143
(b) Interest to May 31, 2018[4]		
i. On Excess Cash Contributions	N/A	$ 7,291,995
ii. On Excess Contributions Due to Balances	N/A	4,498,859
iii. On Total Excess Contributions	N/A	$ 11,790,854
(c) Total Available to Add to Balance 6a(iii) + 6b(iii)	N/A	$ 197,307,997
(d) Excess Contributions Added to Balance	N/A	$ 109,000,000
(4) Preliminary Balance, June 1, 2018, (3) + (5) + 6(d)	$ 0	$ 373,806,357
(5) Balance Waived or Deemed Waived for 2018 Plan Year	0	6,175,005[1]
(6) Balance, June 1, 2018, (7) – (8)	$ 0	$ 367,631,352

[1] The actual amount applied was $67,079,074, which was greater than the minimum required contribution. Guidance from question 12 of the 2010 Gray Book was used in this development, which adjusts the excess FB applied by the actual return on plan assets for the year and then waives the resulting balance at the start of the next plan year. The Schedule SB was filled out according to the instructions, which is slightly different, but results in the same balance on June 1, 2018.

[2] 11/12ths of annual return of 7.34% since PB came from 6/30/17 merger.

[3] 11 months of interest.

[4] As applicable, interest on contributions in excess of the minimum required contribution before applying funding balances uses the effective interest rate of 5.87% (Consolidated Plan only) and interest on excess contributions attributable to the use of funding balances to offset the minimum required contribution uses the plan's investment return.

Schedule SB Attachment (Form 5500)—June 1, 2018 Plan Year
Parker-Hannifin Consolidated Pension Plan - A
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Schedule SB, line 24—Change in Actuarial Assumptions

The funding valuation reflects the following non-prescribed assumption changes:

- A change in decrement timing for legacy PECO from beginning of year to middle of year.
- A change in the assumed percent married for legacy CLARCOR and legacy PECO to 85% of males are assumed to be married and 50% of females are assumed to be married.
- A change in the TV Retirement age for legacy CLARCOR and legacy PECO to age 62.
- A change in the unlimited expected return on assets to 7.00% for the 2018 plan year.

The changes were made to better reflect anticipated plan experience. The funding assumption changes did not reduce the funding shortfall more than the thresholds stated under section 430(h)(5), so approval of the Commissioner is not required.

Schedule SB Attachment (Form 5500)—June 1, 2018 Plan Year
Parker-Hannifin Consolidated Pension Plan - A
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Schedule SB, line 25—Change in Method

The funding valuation reflects the following method changes, which were approved by the IRS on May 29, 2019:

- Valuation Date: June 1.
- Interest Rate Assumption: the three segment interest rates using a four-month lookback (February since 6/1 valuation date).
- Asset Method: smoothed fair market value of assets over the current and prior two years, adjusted for contributions, benefit payments, administrative expenses, and expected earnings. The average value is calculated in this manner is further limited to not less than 90% nor more than 110% of fair market value.
  - After the merger, historical asset values, cash flows, and expected earnings for each plan will be combined as outlined in the approval letter.
  - For any determination date prior to the merger dates, the information will be separately determined for each of the legacy plans and then totaled.
  - The historical expected earnings for each plan will be based upon the individual assumed earnings rate that applied for that plan (limited to the 3rd segment rate for the plan year containing that period).
  - Receivable contributions for each plan will be discounted based upon the effective interest rate for that plan.
- Amortization Bases: After the mergers, the surviving Plan will maintain all shortfall bases from the disappearing plans.
- Funding Standard Carryover Balance and Prefunding Balance: After the mergers, the surviving Plan will maintain all balances from the disappearing plans. None of the plans have a funding standard carryover balance.
  - The Prefunding Balance will be brought forward with the rate of return on assets for the merged plan from the last calculation date to June 1, 2018 and then combined.

Schedule SB Attachment (Form 5500)—June 1, 2018 Plan Year
Parker-Hannifin Consolidated Pension Plan - A
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Schedule SB, line 26—Schedule of Active Participant Data as of June 1, 2018

Number of Participants and Average Compensation

Attained Age	Years of Credited Service									
	<1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+
<25	42 $38,499	80 $51,329	3							
25-29	41 $51,660	148 $50,365	82 $64,416	1						
30-34	37 $68,176	102 $53,052	105 $59,534	52 $67,545	3					
35-39	51 $81,937	162 $73,192	103 $67,407	80 $71,212	70 $72,773	15			1	
40-44	41 $82,914	206 $81,656	292 $91,192	90 $72,935	179 $87,404	169 $78,124	1			
45-49	33 $78,728	199 $74,500	332 $86,402	187 $81,940	226 $83,914	292 $86,228	90 $89,435	27 $83,834		
50-54	28 $64,454	174 $74,626	241 $79,477	201 $82,267	413 $88,032	350 $92,691	213 $104,869	195 $97,905	4	
55-59	19	110 $68,183	228 $70,790	156 $81,601	436 $86,227	395 $93,918	316 $99,392	394 $101,110	189 $97,464	36 $90,532
60-64	8	72 $63,253	124 $64,634	100 $70,531	301 $84,041	312 $88,528	223 $98,593	257 $98,420	198 $103,098	171 $87,247
65-69	1	12	26 $59,407	15	49 $87,953	55 $88,511	34 $87,300	55 $100,722	23 $118,589	36 $92,967
70+		1	3	1	21 $74,979	14	5	7	4	12

N-9,780

Schedule SB Attachment (Form 5500)—June 1, 2018 Plan Year
Parker-Hannifin Consolidated Pension Plan - A
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Schedule SB, line 32—Schedule of Amortization Bases

Type of Base	Present Value of Installment	Date Established	Years Remaining	Amortization Installment
Shortfall	$ 3,618,447	Varies, from Merger	4	$ 957,436
Shortfall	$ 26,941,016	Varies, from Merger	5	$ 5,810,324
Shortfall	$ 89,929,048	Varies, from Merger	6	$ 16,649,954
Shortfall	$ 8,978,343	Varies, from Merger	7	$ 1,465,713
Shortfall	$ (57,418,494)	June 1, 2018	7	$ (9,373,560)

Schedule SB Attachment (Form 5500)—June 1, 2018 Plan Year
Parker-Hannifin Consolidated Pension Plan - A
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Schedule SB, line 15—Reconciliation of Differences Between Valuation Results and Amounts Used to Calculate AFTAP

The AFTAP reported on Line 15 (110.61%) was issued February 28, 2019. Results were later revised to reflect the final method approved by the IRS on May 29, 2019 for the value of plan assets. Recertification was not required because the change was immaterial. The inputs used are outlined below:

	2/28/2019 Certification	Final Valuation Results
Funding Target	$ 2,786,525,857	$ 2,786,525,857
Value of Plan Assets	$ 3,082,192,242	$ 3,082,108,849
Applicable Funding Standard Carryover Balance	$ 0	$ 0
Applicable Prefunding Balance	$ 0	$ 0
Annuities Purchased for Non-Highly Compensated Employees	$ 0	$ 0
Security Posted	$ 0	$ 0
AFTAP	110.61%	110.60%

Schedule SB Attachment (Form 5500)—June 1, 2018 Plan Year
Parker-Hannifin Consolidated Pension Plan - A
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Schedule SB, Part V—Summary of Plan Provisions

Legacy PECO

Effective Date	May 17, 2002. Amended and restated effective December 1, 2011.
Eligibility for Participation	Age 21, completion of one year of service, and not a member of a collective bargaining unit. Effective July 15, 2000, the plan was closed to new entrants.
Plan Year	December 1 to November 30.
Benefit Accrual Status	Frozen.
Normal Retirement	
Eligibility	Age 65.
Benefit	A monthly amount equal to the adjusted frozen accrued benefit determined as of July 15, 2000 under the prior plan document.
Early Retirement	
Eligibility	Age 55 and five years of service.
Benefit	A monthly benefit equal to the normal retirement benefit reduced by 1/240 of 1% for each month the early retirement precedes the normal retirement.
Vested Termination	
Eligibility	Five years of vesting service.
Benefit	The accrued benefit at the date of termination. Reduced payments may begin any time after eligibility for early retirement based on the same reductions as early retirement from active status.
Disability	
Eligibility	As defined in the prior plan document.
Benefit	A single life annuity that is actuarially equivalent to the accrued benefit.

Surviving Spouse	
Eligibility	Five years of vesting service.
Benefit	A single life annuity that is actuarially equivalent to the accrued benefit. Payment can commence at the earliest date the participant would have been eligible to receive early retirement or a deferred vested benefit.
Normal Form of Annuity	
Without Spouse	Ten year certain and life annuity.
With Spouse	50% joint and survivor annuity expressed as the actuarial equivalent of the 10-year certain and life annuity
Optional Forms of Annuity	Single life annuity 5-year certain and life annuity 10-year certain and life annuity 15-year certain and life annuity 50% joint and survivor annuity 75% joint and survivor annuity 100% joint and survivor annuity
Actuarial Equivalence	83 GAM Blended Mortality Table (50% male/50% female) and 7.5% interest rate.
Definitions	
Benefit Service	Accruals were frozen as of July 15, 2000.
Vesting Service	All participants credited with at least one hour of service on or after July 15, 2000 are 100% vested in their accrued benefit.

Changes in Plan Provisions Since the Prior Year

None.

Legacy CLARCOR

Effective Date	December 1, 1997. Amended and restated effective January 1, 2011.
Eligibility for Participation	One year of vesting service and not a member of a collective bargaining unit. Participation was frozen to new entrants effective December 1, 2003.
Plan Year	December 1 to November 30.
Benefit Accrual Status	Partially frozen.
Normal Retirement	
Eligibility	Age 65.
Benefit	A monthly amount equal to the sum of (1), (2) and (3): (1) The prior plan accrued benefit as of November 30, 1989. (2) For each year of participation beginning December 1, 1989, 1.20% of considered compensation. (3) For each year of participation beginning December 1, 1989, 0.55% of considered compensation in excess of covered compensation. The years of participation are limited to 35 years minus the number of years taken into account to determine the November 30, 1989 accrued benefit. Participants who had not attained age 40 and did not have 10 years or service as of December 31, 2003, or made a one-time election, had their accruals frozen at that time.

Early Retirement

Eligibility

Age 60.

Benefit

A monthly benefit equal to the normal retirement benefit reduced by the following factors:

For benefits accrued after July 31, 1983:

Age	Factor
60	0.6638
61	0.7180
62	0.7779
63	0.8442
64	0.9179
65	1.0000

For benefits accrued prior to August 1, 1983:

Age	Female/Male
60	0.6867/0.6638
61	0.7380/0.7181
62	0.7944/0.7781
63	0.8564/0.8445
64	0.9247/0.9181
65	1.0000/1.0000

Vested Termination

Eligibility

Five years of vesting service.

Benefit

The accrued benefit at the date of termination. Reduced payments may begin any time after eligibility for early retirement based on the same reductions as early retirement from active status.

Disability

Eligibility

Totally and permanently disabled.

Benefit

The accrued benefit based at the date of disability. Reduced payments may begin any time after eligibility for early retirement based on the same reductions as early retirement from active status.

Surviving Spouse

Eligibility

Five years of vesting service.

Benefit

A monthly benefit payable to the surviving spouse beginning at the employee’s earliest retirement age equal to 100% of the amount payable if the participant had retired early with a 100% joint and survivor benefit.

Normal Form of Annuity	
Without Spouse	Ten year certain and life annuity.
With Spouse	100% joint and survivor annuity expressed as the actuarial equivalent of the 10-year certain and life annuity.
Optional Forms of Annuity	Single life annuity 10-year certain and life annuity 20-year certain and life annuity 50% joint and survivor annuity 100% joint and survivor annuity 100% joint and survivor annuity with 10 years certain Life annuity with cash refund
Actuarial Equivalence	
Benefits Accrued After July 31, 1983	Unisex Pension 1984 Mortality Table and 4.5% interest.
Benefits Accrued Prior to August 1, 1983	Male 1951 GAM table projected to 1965 and the female 1951 GAM table projected to 1965 and 4.5% interest.
Effective November 30, 2017	Applicable mortality table and interest rate under Section 417(e)3 based on the fourth month preceding the beginning of the calendar year containing the Annuity Starting Date.
Definitions	
Benefit Service	Period from date of participation to date benefit accruals ceased or date of termination or retirement, measured in years and completed days.
Vesting Service	Period from date of hire to date of termination or retirement measured in years and completed days.
Considered Compensation	Total compensation for the plan year excluding reimbursements or other expense allowances, fringe benefits, moving expenses, deferred compensation and amounts realized from the exercise of stock options.
Covered Compensation	Average of taxable wage bases for 35 calendar years ending with year in which participant attains Social Security retirement age.

Appendix A—The Timms Spring Company

Effective Date	There are no active employees of The Timms Spring Company as of the January 1, 2011 restatement.

Appendix B—The Michigan Spring Company

Effective Date	There are no active employees of The Michigan Spring Company as of the January 1, 2011 restatement.

Appendix C—Purolator Products Group (Non-Union Employees)

Effective Date	Appendix effective September 11, 1999.
Eligibility for Participation	Purolator Products Air Filtration Company, Purolator Facet, Inc. Facet USA, Inc. or Purolator CAFCO employees not covered by a collective bargaining unit are eligible to participate on September 11, 1999 (December 10, 1999 for CAFCO). Other eligible employees are eligible to participate after attaining one year or service. Participation is frozen to new entrants effective December 1, 2003.
Benefit Accrual Status	Partially frozen.
Normal Retirement	
Eligibility	Age 65.
Benefit	A monthly amount equal to the sum of (1) and (2): (1) For each year of participation, 1.10% of considered compensation. (2) For each year of participation, 0.50% of considered compensation in excess of covered compensation. The years of participation are limited to 35 years. Participants who had not attained age 40 and did not have 10 years or service as of December 31, 2003, or made a one-time election, had their accruals frozen at that time.
Early Retirement	
Eligibility	Age 55 and 10 years of vesting service.
Benefit	A monthly benefit equal to the normal retirement benefit reduced by1/6 of 1% for each of the first 60 months and 1/3 of 1% for each of the next 60 months that early retirement precedes normal retirement.

Vested Termination

Eligibility — Five years of vesting service.

Benefit — The accrued benefit at the date of termination. Reduced payments may begin any time after attaining age 55 reduced by the following factors:

Age	Factor
55	0.4312
56	0.4648
57	0.5018
58	0.5428
59	0.5883
60	0.6389
61	0.6954
62	0.7586
63	0.8295
64	0.9095
65	1.0000

Disability

Eligibility — Totally and permanently disabled.

Benefit — The accrued benefit based at the date of disability. Reduced payments may begin any time after attaining age 55 based on the same reductions as early retirement from active status.

Surviving Spouse

Eligibility — Five years of vesting service.

Benefit — A monthly benefit payable to the surviving spouse beginning at the employee's earliest retirement age equal to 50% of the amount payable if the participant had retired early with a 50% joint and survivor benefit.

Normal Form of Annuity

Without Spouse — Single life annuity.

With Spouse — 50% joint and survivor annuity.

Optional Forms of Annuity — Single life annuity
10-year certain and life annuity
20-year certain and life annuity
50% joint and survivor annuity
75% joint and survivor annuity
100% joint and survivor annuity
100% joint and survivor annuity with 10 years certain

Actuarial Equivalence	Unisex Pension 1984 Mortality Table and 4.5% interest rate.
Effective November 30, 2017	Applicable mortality table and interest rate under Section 417(e)3 based on the fourth month preceding the beginning of the calendar year containing the Annuity Starting Date.
Definitions	
Benefit Service	Period from date of participation to date benefit accruals ceased or date of termination or retirement, measured in years and completed days. Participation date is no earlier than the acquisition date.
Vesting Service	Period from date of hire to date of termination or retirement measured in years and completed days. Service prior to the acquisition is included.
Considered Compensation	Total compensation for the plan year excluding reimbursements or other expense allowances, fringe benefits, moving expenses, deferred compensation and amounts realized from the exercise of stock options.
Covered Compensation	Average of taxable wage bases for 35 calendar years ending with year in which participant attains Social Security retirement age.

Appendix D—Purolator Products Air Filtration Company (Union Employees)

Effective Date	Appendix effective September 11, 1999.
Eligibility for Participation	Henderson, N.C. hourly employee of Purolator Products Air Filtration Company covered under a collective bargaining agreement providing participation in the plan.
Benefit Accrual Status	All participants are now inactive.
Normal Retirement	
Eligibility	Age 65.
Benefit	Frozen accrued benefit as of January 31, 2002.
Early Retirement	
Eligibility	Ten years of vesting service with 65 points based on age and supplemental benefit service.
Benefit	A monthly benefit equal to the normal retirement benefit reduced by ¼ of 1% for each month that early retirement precedes normal retirement.
Vested Termination	
Eligibility	Five years of vesting service.
Benefit	The accrued benefit at the date of termination. Reduced payments may begin any time after attaining age 55 reduced by ½ of 1% for each month that early retirement precedes normal retirement.
Disability	
Eligibility	10 years of vesting service and deemed totally and permanently disabled.
Benefit	Benefit service continues to accrue until a benefit is payable to the participant.
Surviving Spouse	
Eligibility	Five years of vesting service.
Benefit	A monthly benefit payable to the surviving spouse beginning at the employee's earliest retirement age equal to 50% of the amount payable if the participant had retired early with a 50% joint and survivor benefit.

Normal Form of Annuity	
Without Spouse	Single life annuity.
With Spouse	50% joint and survivor annuity.
Optional Forms of Annuity	Single life annuity 50% joint and survivor annuity 75% joint and survivor annuity 100% joint and survivor annuity
Actuarial Equivalence	Unisex Pension 1984 Mortality Table and 4.5% interest rate.
Effective November 30, 2017	Applicable mortality table and interest rate under Section 417(e)3 based on the fourth month preceding the beginning of the calendar year containing the Annuity Starting Date.
Definitions	
Benefit Service	Service accrued on or after September 11, 1999.
Supplemental Benefit Service	Vesting service prior to September 11, 1999 plus employer benefit service.

Changes in Plan Provisions Since the Prior Year

None.

Legacy Consolidated Plan

Former Hourly Pension Plan (Sub-Plan 001)

Plan Sponsor	Parker Hannifin Corporation
EIN/PN	34-0451060/001
Effective Date	May 1, 1969, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All hourly, nonbargaining employees at this location will become Plan participants when they are hired.
Service	Years of service and participation are used to determine eligibility for benefits and the amount of such benefits, respectively. Service is credited from date of hire to date of retirement or other termination of employment. (A) Years of service prior to July 1, 1997 Beginning on the effective date, one year shall be credited for each plan year that the participant has earned 1,000 hours. If less than 1,000 hours, then one-year credit will be granted for each full 170 hours of service. (B) Years of service after July 1, 1997 One year of service for each 12-month period of employment with prorated service (to the nearest one-tenth) for periods less than a full year. (C) Years of participation prior to July 1, 1997 Beginning on the effective date, one year shall be credited for each plan year that the participant has earned 1,700 hours. If less than 1,700 hours, then one-year credit will be granted for each full 170 hours of service. (D) Years of participation after July 1, 1997 One year of participation for each 12-month period of employment with prorated service (to the nearest one-tenth) for periods less than a full year.

Normal Retirement

Eligibility is age 65 and completion of five years of service.

The monthly benefit is the benefit unit below multiplied by the years of participation (to a maximum of the years shown).

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Irvine, CA (Jamboree Blvd.) (00201H, 00203H, 00202H, 00205H)	07-01-76	05-01-77	$ 7.00	35
	05-01-77	05-01-78	8.00	35
	05-01-78	05-01-79	9.00	35
	05-01-79	05-01-80	10.00	35
	05-01-80	05-01-81	11.00	35
	05-01-81	05-01-82	12.00	40
	05-01-82	05-01-84	12.50	40
	05-01-84	05-01-85	13.00	40
	05-01-85	05-01-86	13.50	40
	05-01-86	05-01-87	14.00	40
	05-01-87	05-01-88	14.50	40
	05-01-88	05-01-89	15.00	40
	05-01-89	02-01-91	15.50	40
	02-01-91	06-01-92	16.50	40
	06-01-92	06-01-93	18.00	40
	06-01-93	06-01-94	19.50	40
	06-01-94	07-01-95	20.50	40
	07-01-95	07-01-96	21.50	40
	07-01-96	07-01-97	23.00	40

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Huntsville, AL (006H)				
Huntsville, AL—Plant #2 (349H)	07-01-76	12-01-77	$ 4.00	25
	12-01-77	12-01-78	4.50	25
	12-01-78	12-01-79	5.00	25
	12-03-79	12-01-80	5.50	25
	12-01-80	12-01-81	6.00	25
	12-01-81	12-06-82	7.00	25
	12-06-82	12-05-83	7.50	25
	12-05-83	12-03-84	8.00	25
	12-03-84	12-01-85	8.50	25
	12-01-85	12-01-86	9.00	25
	12-08-86	12-01-87	10.25	30
	12-01-87	12-01-88	11.00	30
	12-01-88	12-01-89	11.75	30
	12-01-89	12-01-90	12.25	30
	12-01-90	12-01-91	13.00	30
	12-01-91	12-01-92	14.00	35
	12-01-92	12-01-93	15.00	35
	12-01-93	12-01-94	16.00	35
	12-01-94	12-01-95	17.00	35
	12-01-95	12-01-96	18.00	35
	12-01-96	12-01-97	19.00	40
	12-01-97	12-01-98	20.00	40
	12-01-98	12-01-99	21.00	40
	12-01-99	12-01-00	22.50	40
	12-01-00	12-01-01	24.00	40
	12-01-01	12-01-02	25.00	40
	12-01-02	06-01-04	27.00	40
	06-01-04	12-01-04	28.00	40
	12-01-04	12-01-05	29.00	40
	12-01-05	12-01-06	30.00	40
	12-01-06	12-01-07	31.50	40
	12-01-07	12-01-08	33.00	40
	12-01-08	07-01-10	34.00	40
	07-01-10	07-01-12	35.00	40
	07-01-12	07-01-14	36.00	40

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Lyons, NY (022H, 023H)	07-01-10		$35.00	40
	07-01-76	12-01-76	6.00	30
	12-01-76	12-01-77	6.50	30
	12-01-77	12-01-79	7.00	30
	12-01-79	12-01-80	7.50	30
	12-01-80	12-01-81	8.00	30
	12-01-81	12-01-82	9.00	30
	12-01-82	12-01-83	9.50	30
	12-01-83	12-01-84	10.00	30
	12-01-84	12-01-85	10.50	30
	12-01-85	12-01-86	11.00	30
	12-01-86	12-01-87	11.50	35
	12-01-87	12-01-88	12.00	35
	12-01-88	12-01-89	12.50	35
	12-01-89	12-01-90	13.00	35
	12-01-90	12-01-91	13.75	35
	12-01-91	12-01-92	14.50	35
	12-01-92	12-01-93	15.25	35
	12-01-93	12-01-94	16.00	35
	12-01-94	12-01-95	16.75	35
	12-01-95	12-01-96	17.50	35
	12-01-96	12-01-97	18.25	35
	12-01-97	12-01-98	19.00	40
	12-01-98	12-01-99	20.00	40
	12-01-99	12-01-01	21.00	40
	12-01-00	12-01-02	22.00	40
	12-01-02	12-01-04	22.50	40
	12-01-04	12-01-06	23.00	40
	12-01-06	Closed	23.50	40
Clyde, NY (028H)	07-01-76	12-01-76	$ 6.00	30
	12-01-76	12-01-77	6.50	30
	12-01-77	12-01-79	7.00	30
	12-01-79	12-01-80	7.50	30
	12-01-80	12-01-81	8.00	30
	12-01-81	12-01-82	9.00	30
	12-01-82	12-01-83	9.50	30
	12-01-83	12-01-84	10.00	30
	12-01-84	12-01-85	10.50	30

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	12-01-85	12-01-86	$11.00	30
	12-01-86	12-01-87	11.50	35
	12-01-87	12-01-88	12.00	35
	12-01-88	12-01-89	12.50	35
	12-01-89	12-01-90	13.00	35
	12-01-90	12-01-91	13.75	35
	12-01-91	12-01-92	14.50	35
	12-01-92	12-01-94	15.25	35
	12-01-94	07-01-95	16.75	35
	07-01-95	07-01-96	17.50	40
	07-01-96	07-01-97	18.25	40
	07-01-97	07-01-98	19.00	40
	07-01-98	07-01-99	20.00	40
	07-01-99	07-01-01	21.00	40
	07-01-00	07-01-01	22.00	40
	07-01-01	07-01-02	23.00	40
	07-01-02	07-01-03	24.00	40
Otsego, MI (017H, 018H, 044H)				
Richland, MI (009H)	07-01-76	04-01-77	$ 6.00	30
	04-01-77	04-01-78	6.50	30
	04-01-78	04-01-79	7.00	30
	04-01-79	04-01-80	7.50	30
	04-01-80	04-01-81	8.50	35
	04-01-81	04-01-82	9.50	35
	04-01-82	04-01-83	10.25	35
	04-01-83	04-01-84	11.00	35
	04-01-84	04-01-85	11.50	35
	04-01-85	04-01-86	12.00	35
	04-01-86	04-01-87	12.50	35
	04-01-87	04-01-88	13.00	35
	04-01-88	04-01-89	13.50	35
	04-01-89	04-01-90	14.00	35
	04-01-90	04-01-91	14.50	35
	04-01-91	04-01-92	15.00	40
	04-01-92	04-01-93	16.00	40
	04-01-93	04-01-94	17.00	40
	04-01-94	04-01-95	18.00	40
	04-01-95	04-01-96	19.00	40

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	04-01-96	04-01-97	$20.00	40
	04-01-97	04-01-98	21.00	40
	04-01-98	04-01-99	22.00	40
	04-01-99	04-01-00	23.00	40
	04-01-00	04-01-01	25.00	40
	04-01-01	04-01-02	26.00	40
	04-01-02	04-01-03	27.00	40
	04-01-03	10-01-04	28.00	40
	10-01-04	04-01-05	29.00	40
	04-01-05	04-01-06	30.00	40
	04-01-06	04-01-07	31.00	40
	04-01-07	04-01-08	32.00	40
	04-01-08	04-01-10	32.50	40
	04-01-10	04-01-11	33.50	40
	04-01-11	04-01-12	34.50	40
	04-01-12	04-01-13	35.50	40
	04-01-13	04-01-14	36.50	40
	04-01-14	04-01-15	37.50	40
	04-01-15	04-01-16	38.50	40
	04-01-16	04-01-17	39.00	40
	04-01-17	04-01-18	39.50	40
Lithia Springs, GA (045H)	07-01-76	08-01-76	$ 3.50	25
	08-01-76	08-01-77	4.50	25
	08-01-77	08-01-78	5.50	25
	08-01-78	08-01-79	6.00	25
	08-01-79	08-01-80	6.50	25
	08-01-80	08-01-81	7.00	25
	08-01-81	08-01-82	7.75	25
	08-01-82	08-01-83	8.50	25
	08-01-83	08-01-84	9.25	25
	08-01-84	08-01-85	9.75	25
	08-01-85	08-01-86	10.50	25
	08-01-86	08-01-87	11.25	25
	08-01-87	08-01-88	12.00	25
	08-01-88	08-01-90	12.75	25
	08-01-90	08-01-91	13.50	25
	08-01-91	08-01-92	14.00	25
	08-01-92	08-01-93	14.50	25
	01-01-93	01-01-94	15.50	25
	08-01-94	08-01-95	16.00	25
	08-01-95	08-01-96	17.00	32

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	08-01-96	08-01-97	$17.75	32
	08-01-97	08-01-99	18.50	32
	08-01-99	08-01-01	19.50	32
	08-01-01	08-01-02	21.75	35
	08-01-02	08-01-04	23.00	35
	02-01-04	08-01-04	24.25	35
	08-01-04	08-01-05	25.25	35
	08-01-05	08-01-07	26.25	35
	08-01-07	08-01-08	27.00	35
	08-01-08	08-01-10	28.00	35
	08-01-10	08-01-11	28.50	35
	08-01-11	08-01-12	29.00	35
	08-01-12	08-01-13	29.50	40
	08-01-13	08-01-14	30.00	40
	08-01-14	08-01-15	30.50	40
	08-01-15	08-01-16	31.00	40
	08-01-16	08-01-17	31.50	40
	08-01-17	08-01-18	32.00	40
	08-01-18	08-01-19	33.00	40
Elyria, OH—Valve (060H)	10-01-76	10-01-77	$ 5.00	35
	10-01-77	10-01-78	5.50	35
	10-01-78	10-01-79	6.25	35
	10-01-79	10-01-81	8.25	35
	10-01-81	10-01-82	9.25	35
	10-01-82	09-30-83	10.25	35
	09-30-83	09-30-84	11.00	36
	09-30-84	10-01-85	11.75	37
	10-01-85	10-01-86	12.50	40
	10-01-86	06-01-87	13.00	40
	06-01-87	10-01-88	13.50	40
	10-01-88	10-01-89	14.00	40
	10-01-89	10-01-90	14.50	Unlimited
	10-01-90	10-01-91	15.00	Unlimited
	10-01-91	10-01-92	15.50	Unlimited
	10-01-92	10-01-93	16.00	Unlimited
	10-01-93	10-01-94	16.50	Unlimited
	10-01-94	10-01-95	17.25	Unlimited
	10-01-95	10-01-96	18.00	Unlimited
	10-01-96	10-01-97	18.50	Unlimited
	10-01-97	10-01-98	19.00	Unlimited
	10-01-98	10-01-99	19.50	Unlimited

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	10-01-99	10-01-00	$20.00	Unlimited
	10-01-00	10-01-01	20.50	Unlimited
	10-01-01	10-01-02	21.50	Unlimited
	10-01-02	04-01-04	22.50	Unlimited
	04-01-04	10-01-04	23.50	Unlimited
	10-01-04	10-01-05	24.50	Unlimited
	10-01-05	10-01-06	25.50	Unlimited
	10-01-06	10-01-07	26.50	Unlimited
	10-01-07	10-01-08	27.50	Unlimited
	10-01-08	10-01-10	28.50	Unlimited
	10-01-10	10-01-10	29.50	Unlimited
	10-01-11	10-01-12	30.50	Unlimited
	10-01-12	10-01-13	31.00	Unlimited
	10-01-13	10-01-14	31.50	Unlimited
	10-01-14	10-01-15	32.00	Unlimited
	10-01-15	10-01-16	32.50	Unlimited
	10-01-16	10-01-17	33.00	Unlimited
	10-01-17	10-01-18	33.50	Unlimited
Kent, OH (029H)	07-01-76	06-01-77	$ 5.00	25
	06-01-77	06-01-78	5.50	25
	06-01-78	04-01-80	6.00	25
	04-01-80	04-01-81	7.00	30
	04-01-81	04-01-82	8.00	30
	04-01-82	04-01-83	8.75	30
	04-01-83	04-01-84	9.25	30
	04-01-84	04-01-85	9.75	30
	04-01-85	04-01-86	10.25	32
	04-01-86	04-01-87	10.75	32
	04-01-87	07-01-88	11.25	32
	07-01-88	07-01-89	12.00	32
	07-01-89	07-01-90	12.50	32
	07-01-90	07-01-91	13.00	35
	07-01-91	07-01-92	14.00	35
	07-01-92	07-01-93	14.75	35
	07-01-93	07-01-94	15.75	35
	07-01-94	07-01-95	16.75	35
	07-01-95	07-01-96	17.75	35
	07-01-96	07-01-97	18.50	35
	07-01-97	07-01-98	19.50	35
	07-01-98	07-01-99	20.50	35
	07-01-99	07-01-00	21.50	35

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	07-01-00	07-01-01	$23.50	35
	07-01-01	07-01-02	24.50	35
	07-01-02	01-01-04	25.50	35
	01-01-04	07-01-04	26.50	40
	07-01-04	07-01-05	27.50	40
	07-01-05	07-01-06	28.50	40
	07-01-06	07-01-07	29.50	40
	07-01-07	07-01-08	30.00	40
	07-01-08	07-01-10	30.50	40
	07-01-10	07-01-11	31.00	40
	07-01-11	07-01-12	31.50	40
	07-01-12	07-01-13	32.50	40
	07-01-13	07-01-14	33.50	40
	07-01-14	07-01-15	34.50	40
	07-01-15	07-01-16	35.50	40
	07-01-16	07-01-17	36.00	40
	07-01-17	07-01-18	36.50	40
Ravenna, OH (063H)	07-01-76	06-01-77	$ 5.00	25
	06-01-77	06-01-78	5.50	25
	06-01-78	04-01-80	6.00	25
	04-01-80	04-01-81	7.00	30
	04-01-81	04-01-82	8.00	30
	04-01-82	04-01-83	8.75	30
	04-01-83	04-01-84	9.25	30
	04-01-84	04-01-85	9.75	30
	04-01-85	04-01-86	10.25	32
	04-01-86	04-01-87	10.75	32
	04-01-87	07-01-88	11.25	32
	07-01-88	07-01-89	12.00	32
	07-01-89	07-01-90	12.50	32
	07-01-90	07-01-91	13.00	35
	07-01-91	07-01-92	14.00	35
	07-01-92	07-01-93	14.75	35
	07-01-93	07-01-94	15.75	35
	07-01-94	07-01-95	16.75	35
	07-01-95	07-01-96	17.75	35
	07-01-96	07-01-97	18.50	35
	07-01-97	07-01-98	19.50	35
	07-01-98	07-01-99	20.50	35
	07-01-99	07-01-00	21.50	35
	07-01-00	07-01-01	23.50	35

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	07-01-01	07-01-02	$24.50	35
	07-01-02	01-01-04	25.50	35
	01-01-04	07-01-04	26.50	40
	07-01-04	07-01-05	27.50	40
	07-01-05	07-01-06	28.50	40
	07-01-06	07-01-07	30.00	40
	07-01-07	07-01-13	31.00	40
Portland, OR—PSC (082H)	04-01-81	04-01-82	$ 6.50	30
	04-01-82	04-01-84	7.00	30
	04-01-84	04-01-86	7.75	30
	04-01-86	04-01-87	8.00	30
	04-01-87	04-01-88	8.25	30
	04-01-88	04-01-89	9.00	30
	04-01-89	04-01-90	10.00	30
	04-01-90	04-01-91	11.00	30
	04-01-91	04-01-92	12.00	30
	04-01-92	04-01-93	12.50	30
	04-01-93	04-01-94	13.00	30
	04-01-94	04-01-95	14.00	30
	04-01-95	04-01-96	15.00	30
	04-01-96	04-01-97	16.00	30
	04-01-97	04-01-98	17.00	30
	04-01-98	04-01-99	17.50	30
	04-01-99	04-01-00	18.50	30
	04-01-00	04-01-01	19.00	30
	04-01-01	04-01-02	20.00	30
	04-01-02	04-01-03	21.00	30
	04-01-03	10-01-04	21.50	30
	10-01-04	04-01-05	22.50	30
	04-01-05	04-01-06	23.50	30
	04-01-06	01-01-07	24.50	30
	01-01-07	04-01-07	24.50	35
	04-01-07	04-01-08	25.50	35
	04-01-08	04-01-10	26.50	35
	04-01-10	04-01-11	27.50	35
	04-01-11	04-01-12	28.50	35
	04-01-12	04-01-13	29.50	35
	04-01-13	04-01-14	30.50	35
	04-01-14	04-01-15	31.50	35
	04-01-15	04-01-16	32.50	35
	04-01-16	04-01-18	33.00	35

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Santa Fe Springs, CA (053H—Closed)				
Corona, CA—Cylinder (337H)	07-01-76	11-01-76	$ 1.50	30
	11-01-76	11-01-77	4.50	30
	11-01-77	11-01-78	5.50	30
	11-01-78	11-01-79	6.00	30
	11-01-79	11-01-80	6.50	30
	11-01-80	11-01-81	7.00	30
	11-01-81	11-01-82	7.50	30
	11-01-82	11-01-83	8.25	30
	11-01-83	11-01-84	9.00	30
	11-01-84	11-01-85	9.75	30
	11-01-85	11-01-86	10.50	30
	11-01-86	11-01-87	11.25	30
	11-01-87	11-01-88	11.75	30
	11-01-88	11-01-90	12.25	30
	11-01-90	11-01-91	12.75	30
	11-01-91	11-01-92	13.25	30
	11-01-92	11-01-93	14.00	30
	11-01-93	11-01-94	14.75	30
	11-01-94	11-01-95	15.50	30
	11-01-95	11-01-96	16.25	30
	11-01-96	11-01-97	17.00	30
	11-01-97	11-01-98	17.75	30
	11-01-98	11-01-00	18.50	30
	11-01-00	11-01-01	19.50	30
	11-01-01	11-01-02	20.75	30
	11-01-02	05-01-04	21.75	30
	05-01-04	11-01-04	23.00	30
	11-01-04	11-01-05	24.00	30
	11-01-05	11-01-06	25.00	30
	11-01-06	11-01-07	25.75	30
	11-01-07	11-01-08	27.00	30
	11-01-08	11-01-10	28.00	30
	11-01-10	11-01-11	29.00	35
	11-01-11	11-01-12	29.50	35
	11-01-12	11-01-13	30.00	35
	11-01-13	11-01-14	30.50	35
	11-01-14	11-01-15	31.00	35
	11-01-15	11-01-16	31.50	35
	11-01-16	11-01-17	32.00	35
	11-0-16	11-01-18	32.50	40

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Eaton, OH (004H) Brookville, OH (301H) Lewisburg, OH (007H) Lewisburg West—TFD (345H)	07-01-76	02-01-77	$ 6.00	30
	02-01-77	02-01-78	7.00	30
	02-01-78	02-01-79	7.75	30
	02-01-79	02-01-80	8.50	31
	02-01-80	02-01-81	9.50	31
	02-02-81	02-01-82	10.50	31
	02-01-82	02-01-83	11.25	31
	02-01-83	02-01-84	11.50	31
	02-01-84	02-01-85	11.75	31
	02-01-85	02-01-86	12.00	35
	02-01-86	02-01-87	12.25	35
	02-01-87	02-01-88	12.75	35
	02-01-88	02-01-89	13.50	35
	02-01-89	02-01-90	14.00	35
	02-01-90	02-01-91	14.50	35
	02-01-91	02-01-92	15.00	37
	02-01-92	02-01-93	15.50	38
	02-01-93	02-01-94	16.00	39
	02-01-94	02-01-95	17.50	40
	02-01-95	02-01-96	18.50	40
	02-01-96	07-01-97	19.50	41
	07-01-97	02-01-98	20.50	41
	02-01-98	02-01-99	21.50	42
	02-01-99	02-01-00	22.50	42
	02-01-00	02-01-01	24.00	42
	02-01-01	02-01-02	25.00	42
	02-01-02	02-01-03	26.00	42
	02-01-03	08-01-04	27.00	42
	08-01-04	02-01-05	28.50	42
	02-01-05	02-01-06	29.50	42
	02-01-06	02-01-07	30.50	42
	02-01-07	02-01-08	31.50	45
	02-01-08	07-01-10	32.50	45
	07-01-10	07-01-11	33.50	45
	07-01-11	07-01-12	34.50	45

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	07-01-12	07-01-13	$35.50	45
	07-01-13	07-01-14	35.75	45
	07-01-14	07-01-15	36.00	45
	07-01-16	07-01-17	36.00	45
	07-01-17	07-01-18	36.25	45
St. Mary's, OH—Hourly Flex (041H—Closed)				
St. Mary's OH—Cylinder−Flex (411H)				
St. Mary's OH—Cylinder−Non-Flex (41101H)				
St. Mary's OH—Hourly	07-01-76	03-04-77	$ 5.75	30
	03-04-77	03-04-78	6.25	30
	03-04-78	03-04-79	7.00	30
	03-04-79	03-08-80	7.50	30
	03-08-80	03-09-81	9.00	30
	03-09-81	03-08-82	10.00	30
	03-08-82	03-07-83	10.50	32
	03-07-83	03-10-84	11.00	33
	03-10-84	03-11-85	11.50	34
	03-11-85	03-10-86	12.00	35
	03-10-86	03-09-87	12.50	36
	03-09-87	03-14-88	13.00	37
	03-14-88	03-13-89	13.50	38
	03-13-89	03-12-90	14.00	39
	03-12-90	03-01-91	14.50	40
	03-01-91	03-01-92	15.00	40
	03-01-92	03-01-93	15.50	40
	03-01-93	03-01-94	16.50	40
	03-01-94	03-01-95	17.50	40
	03-01-95	03-01-96	18.50	40
	03-01-96	03-01-97	19.25	40
	03-01-97	03-01-99	20.00	40
	03-01-99	03-01-00	20.75	40
	03-01-00	03-01-01	21.50	40
	03-01-01	03-01-02	22.75	40
	03-01-02	03-01-03	23.75	40
	03-01-03	09-01-04	25.00	40
	09-01-04	03-01-05	26.00	40
	03-01-05	03-01-07	27.00	40
	03-01-07	03-01-08	27.50	40
	03-01-08	03-01-10	28.50	40

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	03-01-10	03-01-11	$29.00	40
	03-01-11	03-01-12	29.50	40
	03-01-12	03-01-13	30.00	40
	03-01-13	03-01-14	30.50	40
	03-01-14	03-01-15	31.00	40
	03-01-15	03-01-16	31.50	40
	03-01-16	03-01-17	32.00	40
	03-01-17	03-01-18	32.50	40
	03-01-18	03-01-19	33.00	40
Plymouth, MI (043H)	07-01-76	03-01-77	$ 5.00	25
	03-01-77	03-01-78	5.50	25
	03-01-78	03-01-79	6.00	25
	03-01-79	03-01-80	6.75	25
	03-01-80	03-02-81	7.50	25
	03-02-81	03-01-82	8.00	25
	03-01-82	03-01-83	9.00	25
	03-01-83	02-27-84	9.50	25
	02-27-84	03-01-85	10.25	25
	03-01-85	03-01-86	10.75	25
	03-01-86	03-01-87	11.25	25
	03-01-87	03-01-88	12.00	25
	03-01-88	03-01-90	12.75	25
	03-01-90	03-01-91	13.25	30
	03-01-91	03-01-92	13.75	30
	03-01-92	03-01-93	14.25	30
	03-01-93	03-01-94	15.00	30
	03-01-94	03-01-95	16.00	30
	03-01-95	03-01-96	17.00	35
	03-01-96	03-01-97	18.00	35
	03-01-97	03-01-99	18.75	35
	03-01-99	03-01-00	19.25	35
	03-01-00	03-01-01	20.25	35
	03-01-01	03-01-02	21.50	35
	03-01-02	03-01-03	22.50	35
	03-01-03	09-01-04	23.75	35
	09-01-04	03-01-05	24.75	35
	03-01-05	03-01-07	26.00	35
	03-01-07	03-01-08	27.00	35
	03-01-08	03-01-10	28.00	35
	03-01-10	03-01-11	28.50	35
	03-01-11	03-01-12	29.00	40

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	03-01-12	03-01-13	$29.50	40
	03-01-13	03-01-14	30.00	40
	03-01-14	03-01-15	30.50	40
	03-01-15	03-01-16	31.00	40
	03-01-16	03-01-17	31.50	40
	03-01-17	03-01-18	32.00	40
	03-01-18	03-01-19	32.50	40
Lexington, KY (014H)	07-01-76	02-01-77	$ 4.50	30
	02-01-77	02-01-78	4.75	30
	02-01-78	02-01-81	5.00	30
	02-01-81	02-01-82	5.25	30
	02-01-82	02-01-83	5.75	30
	02-01-83	02-01-84	6.50	30
	02-01-84	02-01-85	6.75	30
	02-01-85	02-01-86	7.00	30
	02-01-86	02-01-87	7.50	30
	02-01-87	02-01-88	8.00	31
	02-01-88	02-01-89	9.00	31
	02-01-89	02-01-90	9.50	31
	02-01-90	02-01-91	10.00	31
	02-01-91	02-01-92	10.50	32
	02-01-92	02-01-93	11.00	33
	02-01-93	02-01-94	11.50	34
	02-01-94	02-01-95	12.00	35
	02-01-95	02-01-96	12.50	36
	02-01-96	02-01-97	13.00	36
	02-01-97	07-01-97	13.50	37
	07-01-97		13.50	40

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Grantsburg, WI (048H)				
Chetek, WI—Quick Coupling (361H)	07-01-76	09-01-77	$ 3.50	25
	09-01-77	09-01-78	4.50	25
	09-01-78	09-01-79	5.00	25
	09-01-79	09-01-80	5.50	25
	09-01-80	09-01-81	6.50	25
	09-01-81	09-03-82	7.50	25
	09-03-82	09-01-84	8.25	25
	09-01-84	09-01-85	8.75	25
	09-01-85	09-01-86	9.25	25
	09-01-86	09-01-87	10.00	25
	09-01-87	09-01-88	10.50	25
	09-01-88	09-01-89	11.50	30
	09-01-89	09-01-90	12.50	30
	09-01-90	09-01-91	13.50	30
	09-01-91	09-01-92	14.50	30
	09-01-92	09-01-93	15.50	30
	09-01-93	09-01-94	16.50	30
	09-01-94	09-01-95	17.50	30
	09-01-95	09-01-96	18.50	30
	09-01-96	09-01-97	19.50	30
	09-01-97	09-01-98	21.00	30
	09-01-98	09-01-99	22.00	30
	09-01-99	09-01-00	23.00	30
	09-01-00	09-01-01	24.00	35
	09-01-01	09-01-02	25.50	35
	09-01-02	03-01-04	27.00	35
	03-01-04	09-01-04	28.00	35
	09-01-04	09-01-05	29.00	35
	09-01-05	09-01-06	30.00	35
	09-01-06	09-01-07	31.00	35
	09-01-07	09-01-08	32.00	35
	09-01-08	09-01-10	33.00	35
	09-01-10	09-01-11	33.50	35
	09-01-11	09-01-12	34.00	35
	09-01-12	09-01-14	34.50	40
	09-01-16	09-01-17	35.00	40

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Trenton, NJ/PSC (Cherry Hill) (157H—Closed)	09-01-80	09-01-81	$ 5.50	25
	09-01-81	09-01-84	6.50	25
	09-01-84	09-01-85	6.75	25
	09-01-85	09-01-86	7.00	25
	09-01-86	09-01-87	7.25	25
	09-01-87	09-01-90	7.75	25
	09-01-90	09-01-91	10.75	25
	09-01-91	09-01-92	11.75	25
	09-01-92	09-01-93	12.50	25
	09-01-93	09-01-94	13.00	25
	09-01-94	09-01-95	14.00	26
	09-01-95	09-01-98	15.00	26
	09-01-98	09-01-99	17.50	26
	09-01-99	09-01-00	18.50	26
	09-01-00	09-01-01	19.00	26
	09-01-01	09-01-02	19.50	26
	09-01-02	03-01-04	20.00	30
	03-01-04	09-01-04	20.50	30
	09-01-04	09-01-05	21.50	30
	09-01-05	09-01-06	22.50	30
	09-01-06	01-01-07	23.50	30
	01-01-07	09-01-07	23.50	35
	09-01-07	09-01-08	24.50	35
	09-01-08	Closed	25.50	35
Mason, MI (035H)	07-01-76	07-01-77	$ 5.00	25
	07-01-77	07-01-78	5.50	25
	07-01-78	07-01-79	6.50	25
	07-01-79	04-01-80	6.50	30
	04-01-80	04-01-81	7.50	30
	04-01-81	04-01-82	U O	30
	04-01-82	04-01-83	9.25	30
	04-01-83	04-01-84	9.75	30
	04-01-84	04-01-85	10.25	30
	04-01-85	04-01-86	10.75	30
	04-01-86	04-01-87	11.25	32
	04-01-87	04-01-88	11.75	32
	04-01-88	04-01-89	12.25	32
	04-01-89	04-01-90	13.00	32
	04-01-90	04-01-91	14.00	32

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	04-01-91	04-01-92	$15.00	32
	04-01-92	04-01-93	16.00	35
	04-01-93	04-01-94	17.00	35
	04-01-94	04-01-95	18.00	35
	04-01-95	04-01-96	19.00	38
	04-01-96	04-01-97	20.00	38
	04-01-97	04-01-98	21.00	38
	04-01-98	04-01-99	22.00	38
	04-01-99	04-01-00	23.00	38
	04-01-00	04-01-01	24.00	38
	04-01-01	04-01-02	25.00	40
	04-01-02	04-01-03	26.00	40
	04-01-03	10-01-04	27.00	40
	10-01-04	04-01-05	28.00	40
	04-01-05	04-01-06	29.00	40
	04-01-06	08-01-14	30.00	40
Salt Lake City, UT (013H)	04-01-76	04-01-77	$ 2.50	30
	04-01-77	04-01-79	3.00	30
	04-01-79	04-01-80	4.00	30
	04-01-80	04-01-81	5.00	30
	04-01-81	04-01-82	5.50	30
	04-01-82	04-01-84	6.25	30
	04-01-84	04-01-85	6.75	30
	04-01-85	08-01-86	7.00	30
	08-01-86	08-01-87	7.50	30
	08-01-87	08-01-88	8.00	30
	08-01-88	08-01-89	8.75	30
	08-01-89	08-01-90	9.50	30
	08-01-90	08-01-91	10.00	30
	08-01-91	08-01-92	10.50	30
	08-01-92	07-01-93	11.00	30
	07-01-93	08-01-94	11.50	30
	08-01-94	07-01-04	12.00	30
	07-01-04	01-01-05	13.00	30
	01-01-05	07-01-06	15.00	30
	07-01-06	07-01-07	17.00	30
	07-01-07	07-01-12	17.50	30
	07-01-12	07-01-13	18.50	30

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	07-01-13	07-01-14	$19.40	30
	07-01-14	07-01-16	20.15	30
	07-01-16	07-01-17	21.15	30
	07-01-17	07-01-18	22.15	30
	07-01-18	07-01-19	23.15	30
Metamora, OH (067H)				
Metamora, OH—Arlon (06701H—Closed)	04-01-76	04-01-77	$ 3.00	25
	04-01-77	04-01-78	4.00	25
	04-01-78	04-01-80	4.50	25
	04-01-80	04-01-81	5.50	25
	04-01-81	04-01-82	6.50	25
	04-01-82	04-01-83	7.25	25
	04-01-83	04-01-84	8.00	25
	04-01-84	04-01-85	8.75	25
	04-01-85	04-01-86	9.50	25
	04-01-86	04-01-87	10.25	25
	04-01-87	04-01-88	11.00	25
	04-01-88	04-01-89	1135	25
	04-01-89	04-01-90	12.25	25
	04-01-90	04-01-91	13.00	25
	04-01-91	04-01-92	13.75	25
	04-01-92	04-01-93	14.25	25
	04-01-93	04-01-94	14.75	25
	04-01-94	04-01-95	15.25	25
	04-01-95	04-01-96	15.75	25
	04-01-96	04-01-97	16.00	25
	04-01-97	04-01-98	16.75	25
	04-01-98	04-01-99	17.25	25
	04-01-99	04-01-00	18.00	25
	04-01-00	04-01-01	20.00	25
	04-01-01	04-01-02	22.00	25
	04-01-02	04-01-03	22.50	25
	04-01-03	10-01-04	22.75	30
	10-01-04	04-01-06	23.00	30
	04-01-06	04-01-07	23.50	30
	04-01-07	04-01-08	24.00	30
	04-01-08	04-01-10	25.00	30
	04-01-10	04-01-11	26.00	30
	04-01-11	08-01-12	26.50	30
	08-01-12	08-01-13	27.50	35
	08-01-13	08-01-14	28.25	35
	08-01-14		29.00	35

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Portland, OR (065H—Closed)	08-01-75	08-01-76	$ 2.75	25
	08-01-76	04-01-77	3.00	25
	04-01-77	02-01-78	4.00	25
	02-01-78	02-01-80	5.00	25
	02-01-80	02-01-81	5.50	25
	02-01-81	02-01-82	6.00	25
	02-01-82	02-01-83	7.00	25
	02-01-83	02-01-84	7.75	25
	02-01-84	02-01-85	8.50	25
	02-01-85	02-01-86	9.25	25
	02-01-86	02-01-87	10.00	25
	02-01-87	02-01-88	10.75	25
	02-01-88	02-01-90	11.50	25
	02-01-90	02-01-91	12.00	25
	02-01-91	02-01-92	12.50	25
	02-01-92	02-01-93	13.00	25
	02-01-93	02-01-94	13.75	25
	02-01-94	02-01-95	14.50	25
	02-01-95	02-01-96	15.25	25
	02-01-96	02-01-97	16.00	25
	02-01-97	02-01-99	16.50	25
	02-01-99	02-01-00	17.00	25
	02-01-00	02-01-01	18.00	25
	02-01-01	02-01-02	19.00	25
	02-01-02	02-01-03	20.00	25
	02-01-03	08-01-04	21.25	25
	08-01-04	02-01-05	22.50	25
	02-01-05	02-01-07	23.75	25
	02-01-07	02-01-08	24.75	25
	02-01-08	02-01-09	25.75	25
	02-01-09	Closed	26.25	25

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Conyers, GA/PSC (078H)	11-01-82	11-01-83	$ 5.50	25
	11-01-83	11-01-84	6.00	25
	11-01-84	11-01-85	6.25	25
	11-01-85	11-01-86	6.50	25
	11-01-86	11-01-87	6.75	25
	11-01-87	11-01-90	7.25	25
	11-01-90	11-01-91	9.75	25
	11-01-91	11-01-92	10.75	25
	11-01-92	11-01-93	11.75	25
	11-01-93	11-01-94	12.75	25
	11-01-94	11-01-95	13.75	25
	11-01-95	11-01-96	14.75	25
	11-01-96	11-01-97	15.25	25
	11-01-97	11-01-98	16.00	25
	11-01-98	11-01-99	17.00	25
	11-01-99	11-01-00	18.00	30
	11-01-00	11-01-01	18.50	30
	11-01-01	11-01-02	19.00	30
	11-01-02	05-01-04	20.00	30
	05-01-04	11-01-04	21.00	30
	11-01-04	11-01-05	22.00	30
	11-01-05	11-01-06	23.00	30
	11-01-06	01-01-07	24.00	30
	01-01-07	11-01-07	24.00	35
	11-01-07	11-01-08	25.00	35
	11-01-08	11-01-10	26.00	35
	11-01-10	11-01-11	27.00	35
	11-01-11	11-01-12	28.00	35
	11-01-12	11-01-13	29.00	35
	11-01-13	11-01-14	30.00	35
	11-01-14	11-01-16	31.00	35
	11-01-16	11-01-17	31.25	35
Lakeville, MN/PSC (085H)				
Toledo, OH—OEM KIT (08501H)	03-01-81	03-01-82	$ 5.00	25
	03-01-82	03-01-84	6.00	25
	03-01-84	03-01-86	6.25	25
	03-01-86	03-01-88	7.00	25
	03-01-88	03-01-90	8.00	25
	03-01-90	03-01-91	9.75	25
	03-01-91	03-01-92	10.75	25

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	03-01-92	03-01-93	$11.50	25
	03-01-93	03-01-94	12.50	25
	03-01-94	03-01-95	13.50	25
	03-01-95	03-01-96	14.50	25
	03-01-96	03-01-97	15.50	25
	03-01-97	03-01-98	16.50	25
	03-01-98	03-01-99	17.50	25
	03-01-99	03-01-00	18.50	25
	03-01-00	03-01-01	19.00	30
	03-01-01	03-01-02	20.00	30
	03-01-02	03-01-05	21.00	30
	03-01-05	03-01-06	22.00	30
	03-01-06	01-01-07	22.50	30
	01-01-07	03-01-07	22.50	35
	03-01-07	03-01-08	23.00	35
	03-01-08	03-01-09	23.50	35
	03-01-09	03-01-11	24.00	35
	03-01-11	03-01-12	25.00	35
	03-01-12	03-01-13	26.00	35
	03-01-13	03-01-14	27.00	35
	03-01-14	03-01-15	28.00	35
	03-01-15	03-01-16	29.00	35
	03-01-16	03-01-17	30.00	35
	03-01-17	03-01-18	30.50	35
	03-01-18	03-01-19	31.00	35
Lakeview, MI—Brass (021H)	07-01-79	07-01-80	$ 3.00	25
	07-01-80	07-01-81	4.00	25
	07-01-81	07-01-83	5.00	25
	07-01-83	07-01-84	5.75	25
	07-01-84	07-01-85	6.50	25
	07-01-85	07-01-86	7.25	25
	07-01-86	07-01-87	8.00	25
	07-01-87	07-01-88	9.00	25
	07-01-88	07-01-89	10.00	25
	07-01-89	07-01-90	11.00	25
	07-01-90	07-01-91	12.00	25
	07-01-91	07-01-92	13.00	25
	07-01-92	07-01-93	14.00	25
	07-01-93	07-01-94	15.00	25
	07-01-94	07-01-95	16.00	25
	07-01-95	07-01-96	17.00	25
	07-01-96	07-01-97	18.00	25

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	07-01-97	07-01-98	$19.00	25
	07-01-98	07-01-99	20.00	25
	07-01-99	07-01-00	21.00	25
	07-01-00	07-01-01	22.00	40
	07-01-01	07-01-02	23.00	40
	07-01-02	01-01-04	24.00	40
	01-01-04	07-01-04	25.00	40
	07-01-04	07-01-05	26.00	40
	07-01-05	07-01-06	27.00	40
	07-01-06	07-01-07	28.00	40
	07-01-07	07-01-08	28.50	40
	07-01-08	07-01-10	29.00	40
	07-01-10	07-01-11	30.00	40
	07-01-11	07-01-12	30.50	40
	07-01-12	07-01-13	31.50	40
	07-01-13	07-01-14	32.50	40
	07-01-14	07-01-15	33.50	40
	07-01-15	07-01-16	34.50	40
	07-01-16	07-01-17	35.50	40
	07-01-17	07-01-18	36.00	40
	07-01-18	07-01-19	36.50	40
Jacksonville, AL (051H)	07-01-79	07-01-80	$ 5.00	25
	07-01-80	07-03-81	5.50	25
	07-03-81	07-02-82	6.00	25
	07-02-82	07-01-83	6.50	25
	07-01-83	08-01-84	7.00	25
	08-01-84	08-01-85	7.50	25
	08-01-85	08-01-86	8A0	25
	08-01-86	08-01-87	8.50	25
	08-01-87	08-01-88	9.00	25
	08-01-88	08-01-89	10.00	25
	08-01-89	08-01-90	11.00	25
	08-01-90	08-01-91	12.00	25
	08-01-91	08-01-92	13.00	25
	08-01-92	08-01-93	14.00	25
	08-01-93	08-01-94	15.00	25
	08-01-94	08-01-95	16.00	25
	08-01-95	08-01-96	17.00	25
	08-01-96	08-01-97	18.00	25
	08-01-97	08-01-98	19.00	25
	08-01-98	08-01-99	20.00	25

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	08-01-99	08-01-00	$21.00	25
	08-01-00	08-01-01	22.00	25
	08-01-01	08-01-02	23.50	25
	08-01-02	02-01-04	25.00	25
	02-01-04	06-01-04	27.00	40
	06-01-04	12-01-04	28.00	40
	12-01-04	12-01-05	29.00	40
	12-01-05	12-01-06	30.00	40
	12-01-06	12-01-07	31.50	40
	12-01-07	12-01-08	33.00	40
	12-01-08	07-01-10	34.00	40
	07-01-10	07-01-12	35.00	40
	07-01-12	07-01-17	36.00	40
Avon, OH (081H)	03-01-80	09-13-82	$ 8.00	35
	09-13-82	09-13-83	8.50	35
	09-13-83	10-01-84	9.00	35
	10-01-84	10-01-85	10.00	35
	10-01-85	10-01-86	11.00	35
	10-01-86	09-14-87	12.00	35
	09-14-87	09-19-88	13.00	35
	09-19-88	09-18-89	14.00	35
	09-18-89	09-16-91	15.00	35
	09-16-91	09-19-92	16.00	35
	09-19-92	09-06-93	16.50	35
	09-06-93	07-01-94	17.00	35
	07-01-94	07-01-95	17.50	35
	07-01-95	07-01-96	18.00	35
	07-01-96	07-01-97	18.50	35
	07-01-97	07-01-98	19.00	35
	07-01-98	07-01-99	19.50	35
	07-01-99	07-01-00	20.00	35
	07-01-00	07-01-01	21.00	35
	07-01-01	07-01-02	22.00	35
	07-01-02	07-01-03	23.00	40

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Madison, MS (128H, 12801H—Closed)	01-01-76	09-29-78	$ 2.50	Unlimited
	09-29-78	09-01-80	3.50	Unlimited
	09-01-80	09-01-81	4.00	35
	09-01-81	09-01-82	4.50	35
	09-01-82	09-01-83	5.00	35
	09-01-83	09-03-84	5.50	35
	09-03-84	09-01-86	6.00	35
	09-01-86	09-01-87	7.00	35
	09-01-87	09-01-88	7.50	35
	09-01-88	09-01-89	8.00	35
	09-01-89	09-01-90	8.50	35
	09-01-90	09-01-91	9.00	35
	09-01-91	09-01-92	9.50	35
	09-01-92	09-01-93	10.00	35
	09-01-93	09-01-94	10.50	35
	09-01-94	09-01-95	11.50	35
	09-01-95	09-01-97	12.00	35
	09-01-97	09-01-98	12.50	35
	09-01-98	09-01-99	13.00	35
	09-01-99	09-01-00	14.00	35
	09-01-00	09-01-01	15.00	35
	09-01-01	09-01-02	16.00	35
	09-01-02	03-01-04	17.00	35
	03-01-04	09-01-04	18.00	35
	09-01-04	09-01-05	19.00	35
	09-01-05	09-01-06	20.00	35
	09-01-06	09-01-07	21.00	35
	09-01-07	09-01-08	22.00	35
	09-01-08	09-01-10	23.00	35
	09-01-10	09-01-10	24.00	35
	09-01-11	09-01-12	25.00	35
	09-01-12	09-01-13	26.00	35
	09-01-13	09-01-14	27.00	35
	09-01-14	09-01-17	28.00	35
	07-01-17	07-01-18	29.00	35

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Greensboro, NC—PSC (132H)	05-01-82	05-01-83	$ 4.75	30
	05-01-83	05-01-84	5.00	30
	05-01-84	05-01-85	5.50	30
	05-01-85	05-01-86	5.75	30
	05-01-86	05-01-87	6.00	30
	05-01-87	05-01-88	6.50	30
	05-01-88	05-01-90	7.50	30
	05-01-90	05-01-91	9.50	30
	05-01-91	05-01-92	10.50	30
	05-01-92	05-01-93	11.50	30
	05-01-93	05-01-94	12.50	30
	05-01-94	05-01-95	13.50	30
	05-01-95	05-01-96	14.50	30
	05-01-96	05-01-98	15.00	30
	05-01-98	05-01-00	16.00	30
	05-01-00	05-01-01	18.00	30
	05-01-01	05-01-02	19.00	30
	05-01-02	05-01-03	20.00	30
	05-01-03	05-01-05	21.00	30
	05-01-05	05-01-06	22.00	30
	05-01-06	05-01-08	23.00	30
	05-01-08	05-01-12	24.00	30
	05-01-12	05-01-13	25.00	30
	05-01-13	05-01-14	26.00	30
	05-01-14	05-01-17	27.00	30
	05-01-17	05-01-18	28.00	30

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Irvine, CA—Logistics (08304H) Irvine, CA—Cust. Suppl. Military (08305H) Irvine, CA—Control Systems (071H) Irvine, CA—CSD Commercial (07102H)	07-01-81	05-03-82	$12.00	40
	05-03-82	05-01-84	12.50	40
	05-01-84	05-01-85	13.00	40
	05-01-85	05-01-86	13.50	40
	05-01-86	05-01-87	14.00	40
	05-01-87	05-01-88	14.50	40
	05-01-88	05-01-89	15.00	40
	05-01-89	02-01-91	15.50	40
	02-01-91	06-01-92	16.50	40
	06-01-92	06-01-93	18.00	40
	06-01-93	06-01-94	19.50	40
	06-01-94	07-01-95	20.50	40
	07-01-95	07-01-96	21.50	40
	07-01-96	07-01-97	23.00	40
Elyria, OH (Airborne) (129H)	07-01-84	07-01-86	$13.50	30
	07-01-86	07-01-87	13.50	35
	07-01-87	07-01-88	14.00	35
	07-01-88	07-01-89	14.50	35
	07-01-89	07-01-90	15.00	35
	07-01-90	07-01-91	15.50	35
	07-01-91	07-01-92	16.00	35
	07-01-92	07-01-93	16.50	35
	07-01-93	07-01-94	17.00	35
	07-01-94	07-01-95	17.50	35
	07-01-95	07-01-96	18.00	35
	07-01-96	07-01-97	18.50	35
	07-01-97	07-01-98	19.00	35
	07-01-98	07-01-99	19.50	35
	07-01-99	07-01-00	20.00	35
	07-01-00	07-01-01	21.00	35
	07-01-01	07-01-02	22.00	35
	07-01-02		23.00	40

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Spartanburg, SC (139H)	07-01-81	07-01-84	$ 8.00	35
	07-01-84	01-01-95	8.50	35
	01-01-95	01-01-96	9.50	35
	01-01-96	01-01-97	10.00	35
	01-01-97	01-01-98	10.50	35
	01-01-98	01-01-99	11.00	35
	01-01-99	01-01-00	11.50	35
	01-01-00	01-01-01	12.50	35
	01-01-01	01-01-02	13.50	35
	01-01-02	01-01-03	14.50	35
	01-01-03	07-01-05	15.50	35
	07-01-05	01-01-06	16.50	35
	01-01-06	01-01-07	17.50	35
	01-01-07	01-01-08	18.50	35
	01-01-08	07-01-10	19.00	35
	07-01-10	07-01-11	19.50	35
	07-01-11	07-01-12	20.00	35
	07-01-12	07-01-14	20.50	35
	07-01-14	07-01-15	21.00	35
Wadsworth, OH—Rotary Actuator (147H; 14701H)	07-01-81	02-01-82	$ 8.00	25
	02-01-82	02-01-83	9.00	25
	02-01-83	02-01-84	9.50	25
	02-01-84	02-01-85	10.25	25
	02-01-85	02-01-86	11.00	25
	02-01-86	02-01-87	11.50	25
	02-01-87	02-01-88	12.25	25
	02-01-88	02-01-89	13.00	25
	02-01-89	02-01-90	13.50	25
	02-01-90	02-01-92	14.00	25
	02-01-92	02-01-93	14.50	25
	02-01-93	02-01-94	15.25	25
	02-01-94	02-01-95	16.00	25
	02-01-95	02-01-96	16.75	25
	02-01-96	02-01-98	17.25	25
	02-01-98	02-01-99	18.00	25
	02-01-99	02-01-00	18.50	25
	02-01-00	02-01-01	19.00	25

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	02-01-01	02-01-02	$19.50	25
	02-01-02	02-01-03	20.50	25
	02-01-03	08-01-04	21.50	25
	08-01-04	02-01-06	22.50	32
	02-01-06	02-01-07	23.50	32
	02-01-07	02-01-08	24.50	35
	02-01-08	02-01-09	25.50	35
	02-01-09	02-01-11	26.50	35
	02-01-11	02-01-12	28.00	35
	02-01-12	02-01-13	29.50	35
	02-01-13	02-01-14	30.50	35
	02-01-14	02-01-15	31.50	35
	02-01-15	02-01-16	32.50	35
	02-01-16	02-01-17	33.50	35
	02-01-17	02-01-18	34.00	35
	Note: *The minimum benefit is $30 per month for employees hired prior to age 60 and under age 65 on the effective date.*			
Ogden, UT (109H)	07-01-81	05-31-82	$12.00	40
	05-31-82	05-01-84	12.50	40
	05-0.1-84	05-01-85	13.00	40
	05-01-85	05-01-86	13.50	40
	05-01-86	05-01-87	14.00	40
	05-01-87	05-01-88	14.50	40
	05-01-88	05-01-89	15.00	40
	05-01-89	02-01-91	15.50	40
	02-01-91	06-01-92	16.50	40
	06-01-92	06-01-93	18.00	40
	06-01-93	06-01-94	19.50	40
	06-01-94	06-01-95	20.50	40
	06-01-95	07-01-96	21.50	40
	07-01-96	07-01-97	23.00	40

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Buena Park, CA—PSC (117H)				
Buena Park, CA—Western Metro (11701H—Closed)	11-01-82	11-01-83	$ 5.25	30
	11-01-83	11-01-84	5.75	30
	11-01-84	11-01-85	6.00	30
	11-01-85	11-01-86	6.25	30
	11-01-86	11-01-87	6.75	30
	11-01-87	11-01-89	7.25	30
	11-01-89	11-01-90	9.00	30
	11-01-90	11-01-91	10.00	30
	11-01-91	11-01-92	11.00	30
	11-01-92	11-01-93	12.00	30
	11-01-93	11-01-94	13.00	30
	11-01-94	11-01-95	14.00	30
	11-01-95	11-01-96	15.00	30
	11-01-96	11-01-98	16.00	30
	11-01-98	11-01-99	17.00	30
	11-01-99	11-01-00	18.00	30
	11-01-00	11-01-01	18.50	30
	11-01-01	11-01-02	19.50	30
	11-01-02	11-01-04	20.50	30
	11-01-04	01-01-05	21.50	30
	11-01-05	11-01-06	22.50	30
	11-01-06	01-01-07	23.50	30
	01-01-07	11-01-07	23.50	35
	11-01-07	11-01-08	24.50	35
	11-01-08	11-01-10	25.50	35
	11-01-10	11-01-11	26.50	35
	11-01-11	11-01-12	27.50	35
	11-01-12	11-01-13	28.50	35
	11-01-13	11-01-14	29.50	35
	11-01-14	11-01-16	30.00	35
	11-01-16	11-01-17	31.00	35
Mauston, WI (153H, 15301H—Closed)	07-01-81	07-01-90	$ 8.50	30
	07-01-90	07-01-92	9.50	30
	07-01-92	07-01-93	10.00	30
	07-01-93	07-01-94	10.50	30
	07-01-94	07-01-97	11.00	30
	07-01-97	01-01-99	12.00	30
	01-01-99	01-01-01	13.00	30

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	01-01-01	01-01-03	$14.00	30
	01-01-03	07-01-04	15.00	30
	07-01-04	01-01-05	16.00	30
	01-01-05	01-01-06	17.00	30
	01-01-06	01-01-09	18.00	30
	01-01-09	01-01-10	19.00	30
	01-01-10	01-01-11	21.00	30
	01-01-11	01-01-12	22.00	30
	01-01-12	01-01-14	23.00	30
	01-01-14	01-01-16	24.00	30
	01-01-16	01-01-17	25.00	30
	01-01-17	01-01-18	26.00	30
	01-01-18	01-01-19	27.00	30
Batesville, MS (069H)	11-01-81	11-01-85	$ 3.00	25
	11-01-85	11-01-86	3.75	25
	11-01-86	11-01-87	4.00	25
	11-01-87	11-01-88	5.00	25
	11-01-88	11-01-89	6.00	25
	11-01-89	11-01-90	7.00	25
	11-01-90	11-01-91	7.75	25
	11-01-92	11-01-93	9.75	25
	11-01-93	11-01-94	10.50	25
	11-01-94	11-01-95	11.00	25
	11-01-95	11-01-98	11.50	25
	11-01-98	11-01-99	12.50	25
	11-01-99	11-01-00	13.50	25
	11-01-00	11-01-01	15.50	25
	11-01-01	11-01-02	16.50	25
	11-01-02	05-01-04	17.50	25
	05-01-04	11-01-04	18.50	30
	11-01-04	11-01-06	19.50	30
	11-01-06	11-01-10	20.00	30
	11-01-10	11-01-16	21.00	30
	11-01-16	11-01-17	22.00	30
	11-01-17	11-01-18	23.00	30
Trumann, AR (057H, 05701H—Closed, 61100H)	11-01-81	11-01-85	$ 3.00	25
	11-01-85	11-01-86	3.75	25
	11-01-86	11-01-87	4.00	25
	11-01-87	11-01-88	5.00	25

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	11-01-88	11-01-89	$ 6.00	25
	11-01-89	11-01-90	7.00	25
	11-01-90	11-01-91	7.75	25
	11-01-91	11-01-92	8.75	25
	11-01-92	11-01-93	9.75	25
	11-01-93	11-01-94	10.50	25
	11-01-94	11-01-95	11.25	25
	11-01-95	11-01-98	11.50	25
	11-01-99	11-01-99	12.50	25
	11-01-99	11-01-00	13.50	25
	11-01-00	11-01-01	15.50	25
	11-01-01	11-01-02	16.50	25
	11-01-02	05-01-04	17.50	25
	05-01-04	11-01-04	18.50	30
	11-01-04	11-01-06	19.50	30
	11-01-06	11-01-10	20.00	30
	11-01-10		21.00	30
Phoenix, AZ—Fuel Products (123H)	07-01-79	07-01-80	$ 8.00	35
	07-01-80	03-02-81	9.00	35
	03-02-81	03-01-82	10.00	35
	03-01-82	05-01-84	10.50	35
	05-01-84	05-01-85	11.00	35
	05-01-85	05-01-86	11.50	35
	05-01-86	05-01-87	12.00	40
	05-01-87	07-01-88	12.50	40
	07-01-88	05-01-89	13.00	40
	05-01-89	02-01-91	13.50	40
	02-01-91	07-01-93	14.50	40
	07-01-93	06-01-94	15.50	40
	06-01-94	07-01-95	16.50	40
	07-01-95	07-01-96	17.50	40
	07-01-96	07-01-97	18.00	40
Glendale, AZ (236H)				
Glendale, AZ—CSO Commercial (23601H)	07-01-81	10-01-81	$ 8.00	35
	10-01-81	10-01-83	8.50	35
	10-01-83	10-01-85	9.00	35
	10-01-85	10-01-86	9.50	35
	10-01-86	10-01-87	10.00	35
	10-01-87	11-03-88	11.00	35
	11-03-88	10-01-89	12.00	35

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	10-01-89	10-01-90	$12.50	35
	10-01-90	10-01-91	13.00	35
	10-01-91	10-01-92	13.50	35
	10-01-92	10-01-93	14.00	35
	10-01-93	07-01-94	15.00	35
	07-01-94	07-01-95	15.75	35
	07-01-95	07-01-96	16.75	35
	07-01-96		17.50	35
Boaz, AL (155H)	07-01-82	07-01-83	$ 7.00	25
	07-01-83	07-01-84	7.50	25
	07-01-84	07-01-85	7.75	25
	07-01-85	07-01-86	8.00	25
	07-01-86	07-01-87	8.50	25
	07-01-87	07-01-88	9.50	30
	07-01-88	07-01-89	10.50	30
	07-01-89	07-01-90	11.50	30
	07-01-90	07-01-91	12.00	30
	07-01-91	07-01-92	13.00	30
	07-01-92	07-01-93	14.00	30
	07-01-93	07-01-94	15.00	30
	07-01-94	07-01-95	16.00	30
	07-01-95	07-01-96	17.00	35
	07-01-96	07-01-97	18.00	35
	07-01-97	07-01-98	19.00	35
	07-01-98	07-01-99	20.00	35
	07-01-99	04-01-00	21.00	35
	04-01-00	12-01-00	22.50	35
	12-01-00	12-01-01	24.00	40
	12-01-01	12-01-02	25.00	40
	12-01-02	06-01-04	27.00	40
	06-01-04	12-04-04	28.00	40
	12-01-04	12-01-05	29.00	40
	12-01-05	12-01-06	30.00	40
	12-01-06	12-01-07	31.50	40
	12-01-07	12-01-08	33.00	40
	12-01-08	07-01-10	34.00	40
	07-01-10	07-01-12	35.00	40
	07-01-12	07-01-16	36.00	40

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Albion, IN (161H)	07-01-83	07-01-84	$ 8.50	25
	07-01-84	07-01-85	9.00	25
	07-01-85	07-01-86	9.50	25
	07-01-86	07-01-87	10.00	25
	07-01-87	07-01-88	10.50	25
	07-01-88	07-01-90	11.00	25
	07-01-90	07-01-91	12.00	25
	07-01-91	07-01-92	13.00	25
	07-01-92	07-01-93	14.00	25
	07-01-93	07-01-94	15.00	25
	07-01-94	07-01-95	16.00	25
	07-01-95	07-01-96	17.00	25
	07-01-96	07-01-97	18.00	25
	07-01-97	07-01-98	19.00	25
	07-01-98	07-01-99	20.00	25
	07-01-99	07-01-00	21.00	25
	07-01-00	07-01-01	22.00	25
	07-01-01	07-01-02	23.00	25
	07-01-02	01-01-04	24.00	25
	01-01-04	07-01-04	25.00	25
	07-01-04	07-01-05	26.00	25
	07-01-05	07-01-06	27.00	25
	07-01-06	07-01-07	28.00	25
	07-01-07	07-01-08	28.50	25
	07-01-08	07-01-10	29.00	30
	07-01-10	07-01-11	30.00	30
	07-01-11	07-01-12	30.50	30
	07-01-12	07-01-13	31.50	30
	07-01-13	07-01-14	32.50	30
	07-01-14	07-01-15	33.50	30
	07-01-15	07-01-16	34.50	30
	07-01-16	07-01-17	35.50	40
	07-01-17-	07-01-18	36.00	40
	07-01-18-	07-01-19	36.50	40
Ashley, IN (172H)	07-01-83	07-01-84	$ 8.50	25
	07-01-84	07-01-85	9.00	25
	07-01-85	07-01-86	9.50	25
	07-01-86	07-01-87	10.00	25
	07-01-87	07-04-88	10.50	25
	07-04-88	07-01-90	11.00	25
	07-01-90	07-01-91	11.50	25

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	07-01-91	07-01-92	$12.00	25
	07-01-92	07-01-93	12.50	25
	07-01-93	07-01-94	13.25	25
	07-01-94	07-01-95	14.00	25
	07-01-95	07-01-96	14.75	25
	07-01-96	07-01-97	15.50	25
	07-01-97	07-01-99	16.25	25
	07-01-99	07-01-00	17.00	25
	07-01-00	07-01-01	18.00	25
	07-01-01	07-01-02	19.25	25
	07-01-02	01-01-04	20.50	25
	01-01-04	07-01-04	21.75	25
	07-01-04	07-01-05	22.75	25
	07-01-05	07-01-07	24.00	25
	07-01-07	07-01-08	25.00	25
	07-01-08	07-01-10	26.00	25
	07-01-10	07-01-11	27.00	25
	07-01-11	07-01-12	28.00	30
	07-01-12	07-01-13	29.00	30
	07-01-13	07-01-14	30.00	30
	07-01-14	07-01-15	30.50	30
	07-01-15	07-01-16	31.00	30
	07-01-16	07-01-17	31.50	30
	07-01-17	07-01-18	32.00	40
	07-01-18	07-01-19	32.50	40
Deerwood, MN (146H)	02-01-84	02-01-85	$ 3.00	25
	02-01-85	02-01-86	4.00	25
	02-01-86	02-01-87	4.50	25
	02-01-87	02-01-88	5.50	25
	02-01-88	02-01-89	7.00	25
	02-01-89	02-01-90	8.00	25
	02-01-90	02-01-91	9.00	25
	02-01-91	02-01-92	10.00	25
	02-01-92	02-01-93	11.00	25
	02-01-93	02-01-94	12.00	25
	02-01-94	02-01-95	13.00	25
	02-01-95	02-01-96	14.00	25
	02-01-96	02-01-97	15.50	30
	02-01-97	02-01-98	16.50	30
	02-01-98	02-01-99	18.00	30
	02-01-99	02-01-00	19.00	30

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	02-01-00	02-01-01	$20.00	30
	02-01-01	02-01-02	21.50	30
	02-01-02	02-01-03	23.00	30
	02-01-03	08-01-04	25.00	30
	08-01-04	02-01-05	26.00	30
	02-01-05	02-01-06	27.00	35
	02-01-06	02-01-07	28.00	35
	02-01-07	02-01-09	29.00	35
	02-01-09	08-01-16	30.00	35
	08-01-16	12-02-16	30.00	35
Broadview, IL (090H)				
Broadview, IL (09001H—Closed)				
Broadview, IL—Aftermarket (09002H)	01-01-83	07-01-90	$ 9.00	35
	07-01-90	07-01-92	9.50	35
	07-01-92	07-01-93	10.00	35
	07-01-93	07-01-94	10.50	35
	07-01-94	07-01-97	11.00	35
	07-01-97	01-01-99	12.00	35
	01-01-99	01-01-01	13.00	35
	01-01-01	01-01-03	14.00	35
	01-01-03	07-01-04	15.00	35
	07-01-04	01-01-05	16.00	35
	01-01-05	01-01-06	17.00	35
	01-01-06	01-01-09	18.00	35
	01-01-09	01-01-10	19.00	35
	01-01-10	01-01-11	21.00	35
	01-01-11	01-01-12	22.00	35
	01-01-12	01-01-14	23.00	35
	01-01-14	01-01-16	24.00	35
	01-01-16	01-01-17	25.00	35
	01-01-17	01-01-18	26.00	35
	01-01-18	01-01-19	27.00	35

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Columbus, OH (176H)	07-01-84	05-01-86	$ 8.00	25
	05-01-86	05-01-88	8.25	25
	05-01-88	05-01-89	9.00	25
	05-01-89	05-01-90	10.00	25
	05-01-90	05-01-91	10.50	25
	05-01-91	05-01-92	11.50	25
	05-01-92	05-01-93	12.00	25
	05-01-93	05-01-94	12.50	25
	05-01-94	05-01-95	13.00	25
	05-01-95	05-01-96	14.00	25
	05-01-96	05-01-97	15.00	25
	05-01-97	05-01-98	16.00	25
	05-01-98	05-01-99	17.00	25
	05-01-99	05-01-00	18.00	25
	05-01-00	05-01-01	19.50	25
	05-01-01	05-01-02	21.00	25
	05-01-02	05-01-03	22.00	25
	05-01-03	11-01-04	23.00	25
	11-01-04	05-01-05	24.50	25
	05-01-05	05-01-06	25.50	25
	05-01-06	05-01-07	26.50	25
	05-01-07	05-01-08	27.50	25
	05-01-08	05-01-10	28.50	25
	05-01-10	05-01-11	29.50	25
	05-01-11	07-01-14	30.50	25
	07-01-14	07-01-15	30.75	25
Forest City, NC (188H)	07-01-84	06-01-86	$ 7.50	35
	06-01-86	06-01-87	8.00	25
	06-01-87	06-01-89	8.50	25
	06-01-89	06-01-90	9.00	25
	06-01-90	06-01-93	9.50	25
	06-01-93	06-01-94	10.25	25
	06-01-94	06-01-96	10.75	25
	06-01-96	06-01-98	11.25	25
	06-01-98	06-01-99	11.75	25
	06-01-99	06-01-00	12.25	25
	06-01-00	06-01-01	12.75	25

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	06-01-01	06-01-02	$13.75	25
	06-01-02	06-01-03	14.75	25
	06-01-03	12-01-04	16.00	25
	12-01-04	06-01-05	17.50	25
	06-01-05	06-01-06	19.00	25
	06-01-06	06-01-07	20.00	25
	06-01-07	06-01-10	21.00	25
	06-01-10	06-01-11	22.00	25
	06-01-11	06-01-12	23.00	25
	06-01-12	06-01-13	24.00	25
	06-01-13	06-01-14	25.00	25
	06-01-14	06-01-15	26.00	25
	06-01-15	06-01-16	27.00	25
	06-01-16	06-01-17	28.00	25
	06-01-17	06-01-18	30.00	25
Manhattan, KS (124H)	07-01-85	12-01-85	$ 5.00	25
	12-01-85	12-01-86	5.50	25
	12-01-86	12-01-87	6.00	25
	12-01-87	12-01-88	7.00	25
	12-01-88	12-01-89	8.00	25
	12-01-89	12-01-90	9.00	30
	12-01-90	12-01-91	10.00	30
	12-01-91	12-01-92	11.00	30
	12-01-92	12-01-93	11.00	30
	12-01-93	12-01-94	13.00	30
	12-01-94	12-01-95	14.00	30
	12-01-95	12-01-96	15.00	30
	12-01-96	12-01-97	16.00	30
	12-01-97	12-01-98	17.00	30
	12-01-98	12-01-99	18.00	30
	12-01-99	12-01-00	19.00	30
	12-01-00	12-01-01	20.00	30
	12-01-01	12-01-02	21.00	30
	12-01-02	06-01-04	22.50	30
	06-01-04	12-01-04	23.50	30
	12-01-04	12-01-05	24.50	30
	12-01-05	12-01-08	25.50	30
	12-01-08	12-01-12	26.50	30
	12-01-12	12-01-15	27.50	30

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Enfield, CT (202H)	11-01-85	06-01-87	$ 7.50	25
	06-01-87	06-06-88	8.00	25
	06-06-88	06-01-90	8.50	25
	06-01-90	06-01-91	9.00	25
	06-01-91	06-01-92	9.50	25
	06-01-92	06-01-93	10.00	25
	06-01-93	06-01-94	10.50	25
	06-01-94	06-01-95	11.00	25
	06-01-95	06-01-96	11.75	25
	06-01-96	06-01-97	12.50	25
	06-01-97	06-01-99	13.25	25
	06-01-99	06-01-00	14.00	25
	06-01-00	06-01-01	15.00	25
	06-01-01	06-01-02	16.25	25
	06-01-02	06-01-03	17.50	25
	06-01-03	12-01-04	18.75	25
	12-01-04	06-01-06	19.75	25
	06-01-06	06-01-07	21.00	25
	06-01-07	06-01-08	22.00	25
	06-01-08	06-01-10	23.00	25
	06-01-10	06-01-11	24.00	25
	06-01-11	06-01-12	25.50	25
	06-01-12	06-01-13	27.00	30
	06-01-13	06-01-14	28.00	30
	06-01-14	06-01-15	29.00	30
	06-01-15	06-01-16	30.00	30
Goodland, IN (201H)	07-01-86	05-01-87	$ 7.50	25
	05-01-87	05-02-88	8.00	25
	05-02-88	05-01-90	8.50	25
	05-01-90	05-01-91	9.00	25
	05-01-91	05-01-92	9.50	25
	05-01-92	05-01-93	10.00	25
	05-01-93	05-01-94	10.50	25
	05-01-94	05-01-96	11.25	25
	05-01-96	05-01-97	11.50	25
	05-01-97	05-01-99	12.25	25
	05-01-99	05-01-00	13.25	25
	05-01-00	05-01-01	14.25	25
	05-01-01	05-01-02	15.50	25

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	05-01-02	05-01-03	$16.75	25
	05-01-03	11-01-04	18.00	25
	11-01-04	05-01-05	19.25	25
	05-01-05	05-01-07	20.75	25
	05-01-07	05-01-08	21.75	25
	05-01-08	05-01-10	23.00	30
	05-01-10	05-01-11	24.00	30
	05-01-11	05-01-12	25.50	30
	05-01-12	05-01-13	27.00	30
	05-01-13	05-01-14	28.00	30
	05-01-14	05-01-15	29.00	30
	05-01-15	05-01-16	30.00	30
	05-01-16	05-01-17	31.00	30
	05-01-17	05-01-18	31.50	40
	05-01-18	05-01-19	32.00	40
Mooresville, NC (212H—Closed)				
Mooresville, NC—PSC (21201H)	07-01-86	02-01-87	$ 7.00	25
	02-01-87	02-01-88	7.50	25
	02-01-88	02-01-89	8.00	25
	02-01-89	02-01-90	8.50	25
	02-01-90	02-01-91	9.00	25
	02-01-91	02-01-92	9.50	25
	02-01-92	02-01-93	10.00	25
	02-01-93	02-01-94	11.00	25
	02-01-94	02-01-95	11.50	25
	02-01-95	02-01-96	12.50	25
	02-01-96	02-01-97	13.00	25
	02-01-97	02-01-98	14.00	25
	02-01-98	07-01-00	15.00	25
	07-01-00	07-01-01	16.00	30
	07-01-01	09-01-02	17.00	30
	09-01-02	03-01-04	18.00	30
	03-01-04	09-01-04	19.00	30
	09-01-04	09-01-05	20.00	30
	09-01-05	09-01-06	21.00	30
	09-01-06	01-01-07	22.00	30
	01-01-07	09-01-07	22.00	35
	09-01-07	09-01-08	23.00	35
	09-01-08	09-01-10	24.00	35
	09-01-10	09-01-11	25.00	35
	09-01-11	09-01-12	26.00	35

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	09-01-12	09-01-13	$27.00	35
	09-01-13	09-01-14	28.00	35
	09-01-14	09-01-15	29.00	35
	09-01-15	09-01-16	30.00	35
	09-01-16	09-01-17	30.50	35
	09-01-17	09-01-18	31.00	35
	09-01-18	09-01-19	31.50	35
Waterville, OH—PSC (245H)	12-01-86	12-01-87	$ 3.00	25
	12-01-87	02-01-93	4.00	25
	02-01-93	02-01-94	8.00	25
	02-01-94	02-01-95	9.00	25
	02-01-95	02-01-96	10.50	25
	02-01-96	02-01-97	11.50	25
	02-01-97	02-01-98	12.50	25
	02-01-98	02-01-99	14.00	25
	02-01-99	02-01-00	16.00	25
	02-01-00	02-01-01	17.00	25
	02-01-01	02-01-02	17.50	30
	02-01-02	02-01-03	18.00	30
	02-01-03	08-01-04	18.50	30
	08-01-04	02-01-05	19.50	30
	02-01-05	02-01-06	20.50	30
	02-01-06	01-01-07	21.50	30
	01-01-07	02-01-07	21.50	35
	02-01-07	02-01-08	22.50	35
	02-01-08	02-01-09	23.50	35
	02-01-09	02-01-11	24.50	35
	02-01-11	02-01-12	25.50	35
	02-01-12	02-01-13	26.50	35
	02-01-13	02-01-14	27.50	35
	02-01-14	02-01-15	28.50	35
	02-01-15	02-01-16	29.50	35
	02-01-16	02-01-17	30.00	35
	02-01-17	02-01-18	30.50	35
	02-01-18	02-01-19	31.00	35
Oxford, MI (224H)	10-01-86	01-01-88	$10.00	25
	01-01-88	01-01-89	10.50	25
	01-01-89	01-01-90	11.00	25
	01-01-90	01-01-91	11.50	25
	01-01-91	01-01-92	12.00	25

Date of Retirement			Maximum
On or After	But Before	Benefit Unit	Years of Participation
01-01-92	01-01-94	$12.75	25
01-01-94	01-01-95	13.75	25
01-01-95	01-01-96	14.25	25
01-01-96	01-01-97	14.75	25
01-01-97	01-01-98	15.50	25
01-01-98	01-01-99	16.00	25
01-01-99	01-01-00	16.75	25
01-01-00	01-01-01	17.75	25
01-01-01	01-01-02	18.75	25
01-01-02	01-01-03	20.00	25
01-01-03	01-01-04	21.00	25
01-01-04	01-01-05	22.00	25
01-01-05	01-01-06	23.00	25
01-01-06	01-01-07	24.00	25
01-01-07	01-01-08	25.00	25
01-01-08	01-01-11	26.00	30
01-01-11	01-01-16	27.00	30

Eugene, OR (249H)
Decatur, AL (250H—Closed)

The benefit unit below is multiplied by the years after July 1, 1975. For plan years after July 1, 1975 but prior to January 1, 1979, an additional benefit was earned which is determined as 1.4% of any basic monthly earnings in excess of one-twelfth of the Social Security wage base for that year's participation.

Date of Retirement	Benefit Unit	Maximum Years of Participation
01-01-79	$ 5.00	Unlimited
After 01-02-79	10.00	Unlimited
After 09-02-89	10.50	Unlimited
After 09-02-91	11.00	Unlimited
After 09-02-92	11.75	Unlimited
After 09-02-93	12.25	Unlimited
After 09-02-95	13.25	Unlimited
After 09-02-96	14.25	Unlimited
After 09-02-97	15.25	Unlimited
After 09-02-00	16.25	Unlimited
After 09-02-01	16.75	Unlimited
After 09-01-02	17.50	Unlimited
After 03-01-04	18.25	Unlimited
After 09-01-04	19.00	Unlimited
After 09-01-05	19.50	Unlimited
After 09-01-07	21.00	Unlimited
After 09-01-08	22.50	Unlimited
After 09-01-10	24.00	Unlimited
After 09-01-11	25.00	Unlimited
After 09-01-12	26.00	Unlimited
After 09-01-13	27.00	Unlimited
After 09-01-14	28.00	Unlimited
After 09-01-15	29.00	Unlimited
After 09-01-16	30.00	Unlimited
After 09-01-17	30.50	Unlimited
After 09-01-18	31.00	Unlimited

Benefit accrued before July 1, 1975 was at the rate of $5.00 per month per year of service before that date.

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Booneville, MS (180H—Closed, 18001H—Closed)	07-01-88	07-01-89	$ 5.00	25
	07-01-89	07-01-90	6.00	25
	07-01-90	07-01-91	6.50	25
	07-01-91	07-01-92	7.00	25
	07-01-92	07-01-93	8.00	25
	07-01-93	07-01-94	9.00	25
	07-01-94	07-01-95	10.00	25
	07-01-95	07-01-96	11.00	25
	07-01-96	07-01-97	11.50	25
	07-01-97	07-01-98	12.00	25
	07-01-98	07-01-99	13.00	25
	07-01-99	07-01-00	14.00	25
	07-01-00	07-01-01	15.00	25
	07-01-01	07-01-02	16.00	25
	07-01-02	01-01-04	16.50	25
	01-01-04	07-01-07	17.00	25
	07-01-07	07-01-08	18.00	25
	07-01-08	Closed	19.00	25
Greenfield, TN—RAC Cooper (267H)	07-01-90	07-01-91	$ 8.50	25
	07-01-91	07-01-93	9.00	25
	07-01-93	07-01-94	10.00	25
	07-01-94	07-01-95	10.50	25
	07-01-95	07-01-96	11.00	25
	07-01-96	07-01-97	11.50	25
	07-01-97	07-01-98	12.00	25
	07-01-98	07-01-00	13.00	25
	07-01-00	07-01-01	15.00	25
	07-01-01	01-01-04	16.00	25
	01-01-04	07-01-04	17.00	25
	07-01-04	07-01-05	18.00	25
	07-01-05	07-01-06	19.00	25
	07-01-06	01-01-12	20.00	25
	07-01-12	07-01-13	21.00	25
	07-01-13	07-01-16	22.00	25

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Hampshire, IL—GNP (194H)	07-01-93	07-01-95	$ 6.00	25
	07-01-95	07-01-96	7.00	25
	07-01-96	07-01-00	8.00	25
	07-01-00	07-01-04	9.50	25
	07-01-04	01-01-05	10.50	25
	01-01-05	07-01-06	12.50	25
	07-01-06	07-01-07	14.50	25
	07-01-07	07-01-08	15.00	25
	07-01-08	01-01-12	15.50	25
	01-01-12	01-01-14	17.50	25
	01-01-14	01-01-16	18.25	25
	01-01-18	01-01-19	21.25	25
Longwood, FL (160H—Closed)	07-01-91	07-01-02	$ 9.00	25
	07-01-02	01-01-04	10.00	25
	01-01-04	Closed	11.00	25
Machesney Park, IL (Rockford)—(332H)	04-25-95	04-01-96	$ 9.00	32
	04-01-96	04-01-97	9.50	32
	04-01-97	04-01-98	10.00	32
	04-01-98	04-01-99	10.50	32
	04-01-99	04-01-00	11.50	32
	04-01-00	04-01-01	12.50	32
	04-01-01	04-01-02	13.75	32
	04-01-02	04-01-03	15.00	32
	04-01-03	10-01-04	16.25	32
	10-01-04	04-01-05	17.50	32
	04-01-05	04-01-06	18.75	32
	04-01-06	04-01-07	19.50	32
	04-01-07	04-01-08	20.75	32
	04-01-08	04-01-10	21.50	32
	04-01-10	04-01-11	22.00	32
	04-01-11	04-01-12	23.00	32
	04-01-12	04-01-13	24.00	32
	04-01-13	04-01-14	25.00	32
	04-01-14	04-01-15	26.00	32
	04-01-15	04-01-16	27.00	32
	04-01-16	04-01-17	28.00	32
	04-01-17	04-01-18	29.00	32
	04-01-18	04-01-19	30.00	32

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
Oshkosh, WI (348H)	09-01-01	09-01-02	$17.00	25
	09-01-02	03-01-04	18.50	30
	03-01-04	09-01-05	19.50	30
	09-01-05	09-01-06	20.50	30
	09-01-06	01-01-07	21.50	30
	01-01-07	09-01-07	21.50	35
	09-01-07	09-01-08	22.50	35
	09-01-08	09-01-10	23.00	35
	09-01-10	09-01-11	24.00	35
	09-01-11	09-01-12	25.00	35
	09-01-12	09-01-13	26.00	35
	09-01-13	09-01-14	27.00	35
	09-01-14	09-01-15	28.00	35
	09-01-15	09-01-16	29.00	35
	09-01-16	09-01-17	30.00	35
	09-01-17	09-01-18	30.50	35
	09-01-18	09-01-19	31.00	35
Alliance, NE—Dayco (505H)	10-20-01	07-01-02	$10.50	Unlimited
	07-01-02	06-01-03	12.50	Unlimited
	06-01-04	12-01-04	14.50	Unlimited
	12-01-04	12-01-05	15.50	Unlimited
	12-01-05	12-01-06	17.50	Unlimited
	12-01-06	12-01-07	18.50	Unlimited
	12-01-07	12-01-08	20.50	Unlimited
	12-01-08	08-01-11	21.50	Unlimited
	12-01-12	12-01-13	23.00	Unlimited
	12-01-13	12-01-14	24.00	Unlimited
	12-01-14	12-01-15	25.00	Unlimited
	12-01-16	12-01-17	26.00	Unlimited
	12-01-17	12-01-18	27.00	Unlimited
Davenport, IA—Dayco (508H)	10-20-01	10-01-02	$ 6.00	Unlimited
	10-01-02	04-01-04	12.00	Unlimited
	04-01-04	10-01-05	14.00	Unlimited
	10-01-05	10-01-06	16.00	Unlimited
	10-01-06	10-01-07	18.00	Unlimited
	10-01-07	10-01-08	20.00	Unlimited
	10-01-08	10-01-11	21.00	Unlimited
	10-01-12	10-01-13	22.00	Unlimited
	10-01-13	10-01-14	23.00	Unlimited
	10-01-14	10-01-15	25.00	Unlimited

	Date of Retirement			Maximum
	On or After	But Before	Benefit Unit	Years of Participation
	10-01-15	10-01-16	$26.00	Unlimited
	10-01-16	10-01-17	27.00	Unlimited
	10-01-17	10-01-18	28.00	Unlimited
Houston, TX—Dayco (510H)	10-20-01	11-01-02	$ 8.00	Unlimited
	11-01-02	05-01-04	12.00	Unlimited
	05-01-04	11-01-04	13.00	Unlimited
	11-01-04	05-01-05	14.00	Unlimited
	05-01-05	05-01-06	15.00	Unlimited
	05-01-06	05-01-07	15.50	Unlimited
	05-01-07	05-01-08	16.50	Unlimited
	05-01-08	05-01-11	17.50	Unlimited
	05-01-11	05-01-12	18.50	Unlimited
	05-01-12	05-01-13	20.00	Unlimited
	05-01-13	05-01-14	21.00	Unlimited
	05-01-14	05-01-15	22.00	Unlimited
	05-01-15	05-01-16	23.00	Unlimited
	05-01-16	05-01-17	24.00	Unlimited
	05-01-16	05-01-17	24.50	Unlimited
McCook, NE—Dayco (514H)	10-20-01	03-01-02	$ 9.50	Unlimited
	03-01-02	04-01-04	11.50	Unlimited
	04-01-04	10-01-04	12.50	Unlimited
	10-01-04	10-01-05	13.50	Unlimited
	10-01-05	10-01-06	15.00	Unlimited
	10-01-06	10-01-07	16.50	Unlimited
	10-01-07	10-01-08	17.50	Unlimited
	10-01-08	10-01-10	18.50	Unlimited
	10-01-10	10-01-11	20.00	Unlimited
	10-01-11	10-01-12	22.00	Unlimited
	10-01-12	10-01-13	23.00	Unlimited
	10-01-13	10-01-14	24.00	Unlimited
	10-01-14	10-01-15	26.00	Unlimited
	10-01-15	10-01-16	27.00	Unlimited
	10-01-16	10-01-17	28.00	Unlimited
	10-01-17	10-01-18	29.00	Unlimited

Retiree Medical Account (RMA) Benefit	In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants at RMA eligible locations. The main provisions of the RMA are summarized in the Appendix.
Early Retirement	Eligibility is attainment of age 55 and completion of 10 years of service. (A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of retirement; or (B) Immediate payments equal to (A), but reduced by 0.5% for each month under age 65 when benefits begin. (C) In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants at RMA eligible locations. The main provisions of the RMA are summarized in the Appendix. (D) If certain eligibility conditions are satisfied, a temporary pension supplement (TPS) is payable to participants at TPS eligible locations retiring prior to normal retirement. The main provisions of the TPS are summarized in the Appendix.
Disability Retirement	Eligible upon total and permanent disability following completion of 10 years of service. Immediate payments equal to normal pension accrued to date of disability.
Termination	Eligible upon termination of employment after completing three years of service (five years prior to July 1, 2008). (A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of termination; or (B) Deferred payments beginning as early as age 55 equal to the normal pension accrued to the date of termination, but reduced by 0.5% for each month under age 65 when benefits begin.
Spouse Pension	Eligible upon completion of three years of service providing the participant and spouse have been married at least one year at the death of the participant (five years prior to July 1, 2008).

(A) Participant not eligible for early retirement.

Deferred payments beginning when the participant would have been age 55 equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit.

(B) Participant eligible for early retirement.

Immediate payments equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit.

Pension Increase for Retirees

Retired participants as of June 1, 2001 received a one-time (“Millennium”) pension increase. The Millennium increase amounts are summarized in the Appendix.

Retirement Income Account (RIA)

Plan participation was frozen as of April 1, 2004 to newly hired (and rehired) employees.

Participants as of June 30, 2004 were given the following plan coverage choices:

(A) Continued participation and full benefit accrual under the Consolidated Pension Plan; or

(B) Frozen participation and accrued benefit amounts as of June 30, 2004 under the Consolidated Pension Plan, with future plan coverage and benefit accruals payable under a new Retirement Income Account (RIA) Plan. Note that service credits towards TPS benefit and RMA accruals and interest credits continue under the Consolidated Pension Plan to eligible participants as of the June 30, 2004 choice date.

Forms of Payment

Any participant retiring under the plan who has been married at least one year will receive his pension in the form of a reduced 50% joint and survivor annuity with his spouse as beneficiary (other forms, including a life annuity, are available if the spouse consents to the election).

Other participants will receive their benefits in the form of a life annuity.

Other options available are:

- 50%, 75%, or 100% joint and survivor
- 5, 10, or 15-year certain and life
- 50% joint and survivor with 10-year certain and life

Any form of payment other than a life annuity will be reduced based on the ages of the participant and spouse (or beneficiary) when the benefits begin using factors based on the 1994 Group Annuity Reserving Table and a 7% interest rate.

Former Bertea Employees

Participants who were employed by the Bertea unit on or before June 30, 1981 are entitled to benefits based on the greater of (A) and (B) below:

(A) The benefit unit multiplied by the years of participation.

(B) The sum of (i) and (ii) below:

(i) The Bertea monthly plan benefit for service prior to July 1, 1989.

(ii) The benefit unit multiplied by the years of participation earned after June 30, 1989.

Salary Related Benefit Formula

The employees at the following locations receive the larger of their benefit based on the benefit units discussed previously or a salary related formula:

Effective Date	Location
07-01-97	Irvine, CA (002 **H, 071**H, 083**H)
07-01-97	Lexington, KY (014**H)
07-01-97	Ogden, UT (1090014)
07-01-97	Phoenix, AZ (12300H)
07-01-97	Glendale, AZ (2360014, 23601 H)
07-01-02	Elyria, OH (Airborne) (129001 1)
07-01-03	Avon, OH (0810014)
07-01-03	Clyde, NY (02800H)

The salary related formula is as follows:

The monthly benefit for service earned after the effective date above is equal to 26.25% of average monthly compensation up to Social Security covered compensation, plus 47.60% of average monthly compensation in excess of the Social Security benefit base, reduced proportionately if benefit service is under 35 years, plus 0.5% of average monthly compensation multiplied by the number of benefit service years (earned after the effective date above) in excess of 35 (maximum five years).

A minimum benefit based on the previous benefit unit table below times base service (maximum 40 years) will be paid. Social Security covered compensation is the average of the taxable wage bases under Social Security during the 35 years ending with the employee's Social Security retirement age.

Average Monthly Compensation	Average of the highest five consecutive calendar years compensation including base salary, bonuses, overtime, incentive, etc., but excluding other compensation such as overseas allowances or moving expenses. Compensation exceeding the IRC section 401(a)(17) limit in the year of retirement or termination ($200,000 retroactively starting with the 2002 plan year) will be excluded when the average monthly compensation is determined.

Changes in Plan Provisions Since the Prior Year

- Multiple locations had an increase in benefit unit and/or increase in maximum years of participation.

Former Berea, Kentucky Hourly-Wage Employees Pension Plan (Sub Plan 002)

Effective Date	August 1, 1968, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All hourly bargaining employees at this location will become plan participants when they are hired.
Service	Years of service and participation are used to determine eligibility for benefits and the amount of benefit, respectively. Service is credited from date of hire to retirement. (A) Years of service. Beginning on the effective date, one year shall be credited for each plan year that the participant has earned 1,000 hours. If less than 1,000 hours, then 0.1-year credit will be granted for each full 170 hours of service. (B) Years of participation. Beginning on the effective date, one year shall be credited for each plan year that the participant has earned 1.700 hours. If less than 1,700 hours, then 0.1-year credit will be granted for each full 170 hours of service.
Normal Retirement	Eligibility is age 65 and completion of five years of service. The monthly benefit is the benefit unit below multiplied by the years of participation (to a maximum of the years shown).

Date of Retirement			Maximum
On or After	But Before	Benefit Unit	Years of Participation
07-01-76	06-16-77	$ 6.00[1]	30
06-16-77	07-01-78	6.75	30
07-01-78	06-16-79	7.25[1]	30
06-16-79	07-01-80	8.00	30
07-01-80	07-01-81	8.50[2]	30
07-01-81	06-16-82	9.00	30
06-16-82	06-16-83	9.50[2]	31
06-16-83	06-16-84	10.00	32
06-16-84	06-16-85	10.50	32
06-16-85	06-16-86	11.00	32
06-16-86	06-16-87	11.50	34
06-16-87	06-16-88	12.00	35
06-16-88	06-16-89	12.50	36
06-16-89	06-16-90	13.00	37
06-16-90	06-15-91	13.50	38
06-15-91	06-15-92	14.00	39
06-15-92	06-15-93	14.50	40
06-15-93	06-16-94	15.00	40
06-16-94	06-16-95	16.25	40
06-16-95	06-16-96	17.00	40
06-16-96	06-16-97	17.50	40
06-16-97	06-16-98	18.25	40
06-16-98	06-16-99	19.00	40
06-16-99	06-17-00	20.50	40
06-17-00	06-16-01	20.50	41
06-16-01	06-16-02	21.50	42
06-16-02		22.50	43
Closed			

Early Retirement

Eligibility is attainment of age 55 and completion of 10 years of service.

(A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of retirement; or

(B) Immediate payments equal to (A), but reduced (by 0.5% from age 55 to age 60 and 0.333% from age 60 to age 62, and 0.25% from age 62 to age 65) for each month under age 65 when benefits begin.

[1] Benefits will be increased by $0.75 per year of service beginning on June 16 of the year following retirement.
[2] Benefits will be increased by $0.50 per year of service beginning on June 16 of the year following retirement.

Disability Retirement	Eligible upon total and permanent disability following completion of 10 years of service. Immediate payments equal to normal pension accrued to date of disability.
Termination	Eligible upon termination of employment after completing five years of service. (A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of termination; or (B) Deferred payments beginning as early as age 55 equal to the normal pension accrued to the date of termination, but reduced as for early retirement for each month under age 65 when benefits begin.
Spouse Pension	Eligible upon completion of five years of service providing the participant and spouse have been married at least one year at the death of the participant. (A) Participant not eligible for early retirement. Deferred payments beginning when the participant would have been age 55 equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit. (B) Participant eligible for early retirement. Immediate payments equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit.

Forms of Payment	Any participant retiring under the plan who has been married at least one year will receive his pension in the form of a reduced 50% joint and survivor annuity with his spouse as beneficiary (other forms, including a life annuity, are available if the spouse consents to the election). Other participants will receive their benefits in the form of a life annuity. Other options available are: ▪ 50%, 75%, or 100 joint and survivor ▪ 5, 10, or 15-year certain and life ▪ 50% joint and survivor with 10-year certain and life Any form of payment other than a life annuity will be reduced based on the ages of the participant and spouse (or beneficiary) when the benefits begin using factors based on the 1994 Group Annuity Reserving Table and a 7% interest rate.

Changes in Plan Provisions Since the Prior Year

None.

Former Wickliffe, Ohio Hourly-Wage Employees Pension Plan (Sub-Plan 011)

Effective Date	May 1, 1966, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All hourly, bargaining employees at this location will become plan participants when they are hired.
Service	Years of service and participation are used to determine eligibility for benefits and the amount of such benefits, respectively. Service is credited from date of hire to date of retirement or other termination of employment. (A) Years of service prior to July 1, 2000. Beginning on the effective date, one year shall be credited for each plan year that the participant has earned 1,000 hours. If less than 1,000 hours, then 0.1-year credit will be granted for each full 150 hours of service. (B) Years of service after July 1, 2000. One year of service for each 12-month period of employment with prorated service (to the nearest one-tenth) for periods less than a full year. (C) Years of participation prior to July 1, 2000. Credited for each plan year that the participant has earned 1,800 hours. If less than 1,800 hours, then one-twelfth year credit will be granted for each 150 hours of service. (D) Years of participation after July 1, 2000. One year of participation for each 12-month period of employment with prorated service (to the nearest one-tenth) for periods less than a full year.
Normal Retirement	Eligibility is age 65 and completion of five years of service. The monthly benefit is the benefit unit below multiplied by the years of participation (to a maximum of the years shown.)

Date of Retirement			Maximum
On or After	But Before	Benefit Unit	Years of Participation
05-01-76	09-15-76	$ 8.25	35
09-15-76	09-15-77	8.75	35
09-15-77	09-15-78	9.25	35
09-15-78	09-15-79	10.00	36
09-15-79	09-16-80	10.50	37
09-16-80	09-16-81	11.00	37
09-16-81	09-15-82	12.00	37
09-15-82	09-15-83	12.75	38
09-15-83	09-15-84	13.50	38
09-15-84	09-15-85	14.00	40
09-15-85	09-15-86	14.50	40
09-15-86	09-15-87	15.00	40
09-15-87	09-15-88	15.50	40
09-15-88	09-15-89	16.00	40
09-15-89	09-15-90	16.50	40
09-15-90	09-15-91	17.00	40
09-15-91	09-15-92	17.50	40
09-15-92	09-15-93	18.00	40
09-15-93	09-15-94	18.50	40
09-15-94	09-15-95	19.00	40
09-15-95	09-15-96	19.50	40
09-15-96	09-15-97	20.00	41
09-15-97	09-15-98	20.50	42
09-15-98	09-15-99	21.25	43
09-15-99	09-15-00	22.00	43
09-15-00	09-15-01	23.00	43
09-15-01	09-14-02	24.00	43
09-14-02	09-15-03	27.00	43
09-15-03	09-13-04	30.00	43
09-13-04	09-12-05	31.00	43
09-12-05	09-18-06	34.00	43
09-18-06		35.00	43
Closed			

Early Retirement	Eligibility is attainment of age 60 and completion of 10 years of service. (A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of retirement; or (B) Immediate payments equal to (i), but reduced (by 0.333% from age 60 to age 62 and 0.25% per month age 62 to age 65) for each month under age 65 when benefits begin.
Disability Retirement	Eligible upon total and permanent disability following completion of 10 years of service. Immediate payments equal to normal pension accrued to date of disability.
Termination	Eligible upon termination of employment after completing five years of service. (A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of termination; or (B) Deferred payments beginning as early as age 60 equal to the normal pension accrued to the date of termination, but reduced by 0.333% for each month under age 65 when benefits begin.
Spouse Pension	Eligible upon completion of five years of service providing the participant and spouse have been married at least one year at the death of the participant. Special benefits for participants eligible to retire or who are age 55 with 25 years of service. (A) Participant not eligible for early retirement. Deferred payments beginning when the participant would have been age 60 equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit.

(B) Participant eligible for early retirement or age 55 with 25 years of service Immediate payments equal to 65% of the pension payable the date of death assuming the participant retired the day before death and elected immediate early retirement (actuarial reduction from age 65 for those not eligible for early retirement).

Forms of Payment

Any participant retiring under the Plan who has been married at least one year will receive his pension in the form of a reduced 50% joint and survivor annuity with his spouse as beneficiary (other forms, including a life annuity, are available if the spouse consents to the election).

Other participants will receive their benefits in the form of a life annuity.

Other options available are:

- 50%, 75%, or 100% joint and survivor
- 5, 10, or 15-year certain and life
- 50% joint and survivor with 10-year certain and life

Any form of payment other than a life annuity will be reduced based on the ages of the participant and spouse (or beneficiary) when the benefits begin using factors based on the 1994 Group Annuity Reserving Table and a 7% interest rate.

Changes in Plan Provisions Since the Prior Year

None.

Former Minneapolis, MC Hourly-Wage Employees Pension Plan (Sub-Plan 019)

Effective Date	June 1, 1962, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All hourly, bargaining employees at this location will become plan participants when they are hired.
Service	Years of service and participation are used to determine eligibility for benefits and the amount of such benefits, respectively. Service is credited from date of hire to date of retirement or other termination of employment. (A) Years of service prior to July 1, 2001. Beginning on the effective date, one year shall be credited for each plan year that the participant has earned 1,000 hours. If less than 1,000 hours, then 0.1-year credit will be granted for each full 170 hours of service. (B) Years of service after July 1, 2001. One year of service for each 12-month period of employment with prorated service (to the nearest one-tenth) for periods less than a full year. (C) Years of participation prior to July 1, 2001. Beginning on the effective date, one year shall be credited for each plan year that the participant has earned 1,700 hours. If less than 1,700 hours, then 0.1-year credit will be granted for each full 170 hours of service. (D) Years of participation after July 1, 2001. One year of participation for each 12-month period of employment with prorated service (to the nearest one-tenth) for periods less than a full year.

Normal Retirement

Eligibility is age 65 and completion of five years of service.

The monthly benefit is the benefit unit below multiplied by the years of participation (to a maximum of the years shown):

Date of Retirement			Maximum
On or After	But Before	Benefit Unit	Years of Participation
07-01-76	01-01-77	$ 6.00	25
01-01-77	01-01-78	7.00	25
01-01-78	01-01-79	8.00	25
01-01-79	12-15-79	9.00	25
12-15-79	12-15-80	9.50	25
12-15-80	12-15-81	10.00	25
12-15-81	02-01-84	10.50	25
02-01-84	02-01-85	11.00	25
02-01-85	02-01-87	11.50	25
02-01-87	02-01-88	12.00	25
02-01-88	02-01-89	12.50	25
02-01-89	02-01-90	13.00	25
02-01-90	02-01-91	13.50	25
02-01-91	02-01-92	14.00	25
02-01-92	02-01-93	14.50	25
02-01-93	02-01-94	15.00	25
02-01-94	02-01-95	16.00	25
02-01-95	02-01-96	16.50	26
02-01-96	02-01-97	17.25	28
02-01-97	02-01-98	18.00	30
02-01-98	02-01-99	19.00	35
02-01-99	02-01-00	20.00	36
02-01-00	02-01-01	21.00	37
02-01-01	02-01-02	24.00	38
02-01-02	02-01-03	26.00	39
02-01-03		28.00	40
Closed			

Early Retirement	Eligibility is attainment of age 60 and completion of 10 years of service. (A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of retirement; or (B) Immediate payments equal to (A), but reduced by 0.6% for each month under age 65 when benefits begin.
Disability Retirement	Eligible upon total and permanent disability following completion of 10 years of service. Immediate payments equal to normal pension accrued to date of disability.
Termination	Eligible upon termination of employment after completing five years of service. (A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of termination; or (B) Deferred payments beginning as early as age 60 equal to the normal pension accrued to the date of termination, but reduced by 0.6% for each month under age 65 when benefits begin.
Spouse Pension	Eligibility is upon completion of five years of service providing the participant and spouse have been married at least one year at the death of the participant. (A) Participant not eligible for early retirement. Deferred payments beginning when the participant would have been age 60 equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit. (B) Participant eligible for early retirement. Immediate payments equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit.

Forms of Payment	Any participant retiring under the plan who has been married at least one year will receive his pension in the form of a reduced 50% joint and survivor annuity with his spouse as beneficiary (other forms, including a life annuity, are available if the spouse consents to the election). Other participants will receive their benefits in the form of a life annuity. Other options available are: ▪ 50%, 75%, or 100% joint and survivor ▪ 5, 10, or 15-year certain and life ▪ 50% joint and survivor with 10-year certain and life Any form of payment other than a life annuity will be reduced based on the ages of the participant and spouse (or beneficiary) when the benefits begin using factors based on the 1994 Group Annuity Reserving Table and a 7% interest rate.

Changes in Plan Provisions Since the Prior Year

None.

Former Retirement Plan (Sub-Plan 050)

Effective Date	June 10, 1953, as restated July 1, 2007 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All salaried employees at locations covered by the plan will become plan participants on the first day of the month after they have had 12 continuous months of employment (and worked 1,000 hours in a 12-month period).
Vesting Service	Prior to June 30, 1976, vesting service was based on continuous and uninterrupted employment, and after that date a year's credit is given for each 12-month period (beginning on July 1 each year) of employment. Prorated service is granted (to the nearest one-tenth) for periods less than a full year.
Benefit Service	Continuous and uninterrupted employment as an eligible employee up to June 30, 1976, plus credit after that date for each one-tenth of a year of employment during which the employee is eligible to receive benefit service credit (used to determine the amount of the benefit determined under the salary formula).
Basic Service	Continuous and uninterrupted employment as an eligible employee up to June 30, 1976 plus a full year's credit for each plan year thereafter in which at least 1,700 hours of service are performed. If less than 1,700 hours are worked during a year, then fractional credit to nearest one-tenth is granted for each 170 hours worked (used to determine the minimum benefit).
Average Monthly Compensation	Average of the highest five consecutive calendar years compensation including base salary, bonuses, overtime, incentive, etc., but excluding other compensation such as overseas allowances or moving expenses. Compensation exceeding the IRC section 401(a)(17) limit in the year of retirement or termination ($200,000 retroactively starting with the 2002 plan year) will be excluded when the average monthly compensation is determined.

Normal Retirement

Eligibility is attainment of age 65.

The monthly benefit is equal to 26.25% of average monthly compensation up to Social Security covered compensation, plus 47.60% of average monthly compensation in excess of the Social Security benefit base, reduced proportionately if benefit service is under 35 years, plus 0.5% of average monthly compensation multiplied by the number of benefit service years in excess of 35 (maximum five years). A minimum benefit based on the benefit unit table below times basic service (maximum 40 years) will be paid. The portion of benefit payable for service prior to July 1, 1976 cannot be less than the monthly amount actuarially equivalent to the value of the profit sharing balance at age 65. Social Security covered compensation is the average of the taxable wage bases under Social Security during the 35 years ending with the employee's Social Security retirement age.

Date of Retirement		Minimum
On or After	But Before	Benefit Unit
07-01-89	01-01-01	$12.50
01-01-01	01-01-02	$15.00
01-01-02	01-01-03	$18.00
01-01-03		$21.00

In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants at RMA eligible locations. The main provisions of the RMA are summarized in the Appendix.

Early Retirement

Eligibility is attainment of age 55 and completion of 10 years of vesting service.

Benefit is equal to either: (i) Deferred benefit payable at age 65 equal to the normal pension but using average monthly compensation at time of early retirement and using his years of service only to the retirement date, or (ii) An immediate pension equal to (i) but reduced 0.5% for each month that early retirement precedes normal retirement date.

	In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants at RMA eligible locations. The main provisions of the RMA are summarized in the Appendix. If certain eligibility conditions are satisfied, a temporary pension supplement (TPS) is payable to participants at TPS eligible locations retiring prior to normal retirement. The main provisions of the TPS are summarized in the Appendix.
Termination	Eligible after three or more years of vesting service (five years prior to July 1, 2008). Deferred vested benefit equal to the normal retirement benefit payable at age 65, or payable as early as age 55, if reduced as for early retirement.
Prior Profit Sharing Plan	All participants in the Profit Sharing Plan, which was converted to this plan on June 30, 1976, are fully vested in their account balance on that date. Thereafter, the account balance (with interest at 6% per year) will be paid to the employee (or beneficiary) at his retirement, termination or death. Payment of the account balance at retirement or termination (or a withdrawal or transfer of the account balance to the Parker Savings Plan before retirement or termination) will actuarially reduce the pension payable from the plan. The actuarial reduction for this purpose is determined using the UP 1984 Unisex Mortality Table and a 6% interest rate.
Preretirement Spouse’s Benefit	Eligible upon the death of an active employee while eligible for a vested retirement benefit providing the employee had been married for one year preceding his date of death. The benefit payable to the surviving spouse is determined as though the employee had retired the day before he died, taken early retirement, and accepted the 50% joint and survivor option.
Post Termination Spouse’s Benefit	Eligible upon the death of a former employee while eligible for a vested benefit providing the employee had been married for one year preceding his date of death.

	If the former employee dies after the attainment of age 55, the benefit payable to the surviving spouse is determined as though the former employee had commenced payments the day before he died and accepted the 50% joint and survivor option. If the former employee dies prior to the attainment of age 55, the benefit payable to the surviving spouse is determined as though the former employee had survived to age 55 and commenced payments on his fifty-fifth birthday under the 50% joint and survivor option.
Pension Increase for Retirees	Retired participants as of June 1, 2001 received a one-time (“Millennium”) pension increase. The Millennium increase amounts are summarized in the Appendix.
Retirement Income Account (RIA)	Plan participation was frozen as of April 1, 2004 to newly hired (and rehired) employees. Participants as of June 30, 2004 were given the following plan coverage choices: (A) Continued participation and full benefit accrual under the Consolidated Pension Plan; or (B) Frozen participation and accrued benefit amounts as of June 30, 2004 under the Consolidated Pension Plan, with future plan coverage and benefit accruals payable under a new Retirement Income Account (RIA) Plan. Note that service credits towards TPS benefit and RMA accruals and interest credits continue under the Consolidated Pension Plan to eligible participants as of the June 30, 2004 choice date.
Forms of Payment	A married employee shall receive his benefit on a 50% joint and survivor actuarially equivalent reduced basis unless the employee elects (with spousal consent) a life annuity. A single employee shall receive the benefit on a life annuity basis. Other options are available: ▪ 50%, 75%, or 100% joint and survivor ▪ 5, 10, or 15-year certain and life ▪ 50% joint and survivor with 10-year certain and life

Participants on June 30, 1994	Employees who were participants in the Parker Hannifin Corporation Retirement Plan as of June 30, 1994 are entitled to benefits based on the greater of (A) and (B) below: (A) The monthly benefit based on the normal retirement formula as outlined above for all years of benefit service. (B) The sum of (i) and (ii) below: (i) The monthly benefit accrued as of June 30, 1994 for years of benefit service prior to July 1, 1994. (ii) The monthly benefit based on the normal retirement formula as outlined above for years of benefit service after June 30, 1994.

Changes in Plan Provisions Since the Prior Year

None.

Former Wake Forest, NC Hourly-Wage Employees Pension Plan (Sub-Plan 102)

Effective Date	January 1, 1968, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All hourly, bargaining employees at the Wake Forest, NC, Los Angeles, CA, or Livonia, MI locations will become plan participants when they are hired.
Service	Years of service and participation are used to determine eligibility for benefits and the amount of such benefits, respectively. Service is credited from date of hire to date of retirement or other termination of employment. (A) Years of service. Beginning on January 1, 1976, one year shall be credited for each calendar year that the participant has earned 1,000 hours. If less than 1,000 hours, then 0.1-year credit will be granted for each full 100 hours of service. (B) Years of participation. Beginning on January 1, 1976, one year shall be credited for each calendar year that the participant has earned 1,700 hours. If less than 1,700 hours, then 0.1-year credit will be granted for each full 170 hours of service.
Normal Retirement	Eligibility is age 65 and completion of five years of service. The monthly benefit is the benefit unit below multiplied by the years of participation service (to a maximum of the years shown).

Date of Retirement			Maximum
On or After	But Before	Benefit Unit	Years of Participation
01-01-68	09-24-82	$ 4.00	30
09-24-82	09-28-85	6.50[1]	30
09-28-85	01-01-88	8.00[2]	30
01-01-88	10-01-88	10.00	30
10-01-88	10-01-89	10.75	30
10-01-89	10-01-90	11.25	30
10-01-90	10-01-91	11.75	30
10-01-91	10-01-92	12.50	30
10-01-92	10-01-93	13.25	30
10-01-93	10-01-94	13.75	30
10-01-94	10-01-95	14.50	30
10-01-95	10-01-96	15.50	31
10-01-96	10-01-97	16.00	32
10-01-97	10-01-98	16.50	33
10-01-98	10-01-99	17.50	34
10-01-99	10-01-00	18.75	34
10-01-00	Closed	19.50	35

Early Retirement

Eligibility is attainment of age 55 and completion of 10 years of service.

(A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of retirement; or

(B) Immediate payments equal to (A), but reduced by 0.5% for each month under age 65 when benefits begin.

Disability Retirement

Eligible upon total and permanent disability following completion of 10 years of service.

Immediate payments equal to normal pension accrued to date of disability.

Termination

Eligible upon termination of employment after completing five years of service.

[1] Participants retiring on or after September 24, 1982 will be paid the $8.00 benefit unit beginning January 1, 1986 including retroactive payments from their actual retirement.

[2] Participants retiring on or after September 28, 1985 will be paid the $10.00 benefit unit beginning January 1, 1988 including retroactive payments from their actual retirement.

	(A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of termination; or (B) Deferred payments beginning as early as age 55 equal to the normal pension accrued to the date of termination, but reduced by 0.5% for each month under age 65 when benefits begin.
Spouse Pension	Eligible upon completion of five years of service providing the participant and spouse have been married at least one year at the death of the participant. (A) Participant not eligible for early retirement. Deferred payments beginning when the participant would have been age 55 equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit. (B) Participant eligible for early retirement. Immediate payments equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit.
Forms of Payment	Any participant retiring under the plan who has been married at least one year will receive his pension in the form of a reduced 50% joint and survivor annuity with his spouse as beneficiary (other forms, including a life annuity, are available if the spouse consents to the election). Other participants will receive their benefits in the form of a life annuity.

Changes in Plan Provisions Since the Prior Year

None.

Former Akron, PH (Morgan Ave.) Hourly-Wage Employees Pension Plan (Sub-Plan 103)

Effective Date	April 14, 1965, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All hourly, bargaining employees at this location will become plan participants following completion of one year of service.
Service	(A) Years of service are credited on an elapsed time basis to the nearest 0.1 year. (B) Years of participation are credited on an elapsed time basis to the nearest 0.1 year.
Normal Retirement	Eligibility is age 65 and five years of service. The monthly benefit is the benefit unit below multiplied by the years of participation (no limit on years of participation).

Date of Retirement		
On or After	**But Before**	**Benefit Unit**
11-01-76	11-01-78	$ 7.00
11-01-78	11-01-79	$ 8.00
11-01-79	11-01-80	$ 9.00
11-01-80	11-01-81	$ 9.50
11-01-81	01-01-86	$10.00
01-01-86	11-01-87	$12.00[1]
11-01-87	11-06-88	$13.00[2]
11-06-88	11-06-89	$13.75[3]
11-06-89	11-05-90	$14.25[4]

[1] Participants retiring on or after November 1, 1981 will be paid the $12.00 benefit unit beginning January 1, 1986 including retroactive payments from their actual retirement.
[2] Participants retiring on or after November 4, 1985 will be paid the $13.00 benefit unit beginning November 1, 1987 including retroactive payments from their actual retirement.
[3] Participants retiring on or after November 7, 1988 will be paid the $14.25 benefit unit beginning November 6, 1989 including retroactive payments from their actual retirement.
[4] Participants retiring on or after November 6, 1989 will be paid the $14.75 benefit unit beginning November 5, 1990 including retroactive payments from their actual retirement.

Date of Retirement		
On or After	**But Before**	**Benefit Unit**
11-05-90	11-02-91	$14.75
11-02-91	11-01-92	$15.00
11-01-92	11-01-93	$15.75
11-01-93	11-01-94	$16.50
11-01-94	11-01-95	$17.25
11-01-95	11-01-96	$18.00
11-01-96	11-03-97	$18.75
11-03-97	11-03-98	$19.75
11-03-98	11-03-99	$20.75
11-03-99	11-03-00	$21.75
11-03-00	11-03-01	$22.75
11-03-01	11-03-02	$24.75
11-03-02	11-02-03	$26.00
11-02-03	11-07-04	$27.25
11-07-04	Closed	$28.50

Early Retirement

Eligibility is attainment of age 55 and completion of 10 years of service.

(A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of retirement; or

(B) Immediate payments equal to (A), but reduced by 0.5% per month under age 65 for early commencement.

Note: *Retroactive benefits will be paid to eligible early retirees.*

Disability Retirement

Eligible upon total and permanent disability following completion of age 40 and 10 years of service. (The age 40 requirement is deleted effective November 4, 1985.)

Immediate payments equal to normal pension accrued to date of disability.

Note: *Retroactive benefits will be paid to eligible disabled employees.*

Termination

Eligible upon termination of employment after completing five years of service.

(A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of termination; or

(B) Deferred payments beginning as early as age 55 equal to the normal pension accrued to the date of termination, but reduced by 0.5% for each month under age 65 when benefits begin.

Note: *Terminated employees are not eligible for the increased retroactive benefits.*

Spouse Pension

Eligible upon completion of five years of service providing the participant and spouse have been married at least one year at the death of the participant.

(A) Participant not eligible for early retirement.

Deferred payments beginning when the participant would have been age 55 equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit.

(B) Participant eligible for early retirement.

Immediate payments equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit.

Forms of Payment

Any participant retiring under the plan who has been married at least one year will receive his pension in the form of a reduced 50% joint and survivor annuity with his spouse as beneficiary (other forms, including a life annuity, are available if the spouse consents to the election).

Other participants will receive their benefits in the form of a life annuity.

Changes in Plan Provisions Since the Prior Year

None.

Former Akron, OH (Home Ave.) Hourly-Wage Employees Pension Plan (Sub-Plan 104)

Effective Date	January 1, 1966, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All hourly, bargaining employees at this location will become plan participants following completion of one year of service.
Service	Years of service and participation are used to determine eligibility for benefits and the amount of such benefits, respectively. Service is credited from date of hire to date of retirement or other termination of employment. (A) Years of service. Beginning on the effective date, one year shall be credited for each calendar year that the participant has earned 1,000 hours. If less than 1,000 hours, then one-year credit will be granted for each full 100 hours of service. (B) Years of participation. Beginning on the effective date, one year shall be credited for each plan year that the participant has earned 1,000 hours. If less than 1,000 hours, then 0.1-year credit will be granted for each full 100 hours of service.
Normal Retirement	Eligibility is age 65 and five years of service. The monthly benefit is the benefit unit below multiplied by the years of participation (no limit on years of participation).

Date of Retirement		
On or After	**But Before**	**Benefit Unit**
01-01-76	10-01-76	$ 5.50
10-01-76	10-01-77	$ 6.00
10-01-77	10-01-78	$ 7.00
10-01-78	10-01-79	$ 7.50
10-01-79	10-01-80	$ 8.00
10-01-80	10-01-83	$ 9.00
10-01-83	09-01-87	$10.50[1]
09-01-87	10-01-88	$12.00
10-01-88	10-01-89	$12.50
10-01-89	10-08-90	$13.25
10-08-90	10-06-91	$14.00
10-06-91	10-04-92	$14.50
10-04-92	10-04-93	$15.00
10-04-93	10-03-94	$15.75
10-03-94	10-07-96	$16.25
10-07-96	10-06-97	$17.75
10-06-97	10-05-98	$18.50
10-05-98	10-01-99	$19.50
10-01-99	10-01-00	$20.50
10-01-00	09-30-01	$22.50
09-30-01	10-06-02	$23.50
10-06-02	10-05-03	$24.50
10-05-03	10-04-04	$25.50
10-04-04	10-03-05	$26.50
10-03-05	10-02-06	$27.50
10-02-06	10-01-07	$28.50
10-01-07	10-06-08	$29.50
10-06-08	10-05-09	$30.50
10-05-09	10-04-10	$31.50
10-04-10	10-03-11	$32.50
10-03-11	10-03-12	$33.50
10-03-12	10-04-15	$37.00
04-28-16	Closed	$38.00

[1] Participants retiring on or after October 1, 1984 will be paid the $12.00 benefit unit beginning September 1, 1987 including retroactive payments from their actual retirement.

Early Retirement

Eligibility is attainment of age 55 and completion of 10 years of service.

(A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of retirement; or

(B) Immediate payments equal to (A), but reduced actuarially for commencement prior to age 65 as set forth below:

Commencement Age	Early Commencement Factor
55	0.4025
56	0.4380
57	0.4771
58	0.5205
59	0.5686
60	0.6220
61	0.6816
62	0.7480
63	0.8225
64	0.9060
65	1.0000

Note: *Retroactive benefits will be paid as for normal retirement.*

Disability Retirement

Eligible upon total and permanent disability following completion of 10 years of service.

Immediate payments equal to normal pension accrued to date of disability.

Note: *Retroactive benefits will be paid as for normal retirement.*

Termination

Eligible upon termination of employment after completing five years of service.

(A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of termination; or

(B) Deferred payments beginning as early as age 55 equal to the normal pension accrued to the date of termination, but reduced actuarially for commencement prior to age 65.

	Note: *Terminated employees are not eligible for the increased retroactive benefits.*
Spouse Pension	Eligible upon completion of five years of service providing the participant and spouse have been married at least one year at the death of the participant. (A) Participant not eligible for early retirement. Deferred payments beginning when the participant would have been age 55 equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit. (B) Participant eligible for early retirement. Immediate payments equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected immediate early retirement with the 50% joint and survivor benefit.
Forms of Payment	Any participant retiring under the plan who has been married at least one year will receive his pension in the form of a reduced 50% joint and survivor annuity with his spouse as beneficiary (other forms, including a life annuity, are available if the spouse consents to the election). Other participants will receive their benefits in the form of a life annuity. Other options available are: ▪ 50%, 75%, or 100% joint and survivor ▪ 5, 10, or 15-year certain and life ▪ 50% joint and survivor with 10-year certain and life Any form of payment other than a life annuity will be reduced based on the ages of the participant and spouse (or beneficiaries) when the benefits begin.

Changes in Plan Provisions Since the Prior Year

None.

Former Forest, Ohio Hourly-Wage Employees Pension Plan (Sub-Plan 112)

Effective Date	May 16, 1969, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All hourly, bargaining employees at this location will become plan participants when they are hired. Effective May 30, 2003, the Forest, OH plant closed. All current active participants were terminated and future plan participation was frozen.
Service	Years of service and participation are used to determine the eligibility for benefits and the amount of such benefits, respectively. Service is credited from date of hire to date of retirement or other termination of employment. (A) Years of service prior to July 1, 2000. Beginning on the effective date, one year shall be credited for each plan year that the participant has earned 1,000 hours. If less than 1,000 hours, then 0.1-year credit will be granted for each full 100 hours of service. (B) Years of service after July 1, 2000. One year of service for each 12-month period of employment with prorated service (to the nearest one-tenth) for periods less than a full year. (C) Years of participation prior to July 1, 2000. Beginning on the effective date, one year shall be credited for each plan year that the participant has earned 1,615 hours. If less than 1,615 hours, then 0.1-year credit will be granted for each full 170 hours of service. (D) Years of participation after July 1, 2000. One year of participation for each 12-month period of employment with prorated service (to the nearest one-tenth) for periods less than a full year.
Normal Retirement	Eligibility is age 65 and completion of five years of service.

The monthly benefit is the benefit unit below multiplied by the years of participation (no limit on years of participation).

Date of Retirement		
After	**Before**	**Benefit Unit**
05-16-69	07-01-81	$10.75
07-01-81	07-01-82	$14.00
07-01-82	07-01-83	$14.75
07-01-83	07-01-85	$15.50
07-01-85	07-01-86	$16.00
07-01-86	07-01-87	$16.50
07-01-87	07-01-88	$17.00
07-01-88	07-01-89	$17.50
07-01-89	11-15-93	$18.00
11-15-93	05-15-95	$19.00
05-15-95	05-15-96	$19.50
05-15-96	11-25-96	$20.00
11-25-96	05-17-98	$21.00
05-17-98	05-16-99	$22.00
05-16-99	05-15-00	$22.75
05-15-00	05-15-01	$24.00
05-15-01	05-13-02	$25.00
05-13-02		$25.75
Closed		

Early Retirement

Eligibility is attainment of age 60 and completion of 10 years of service.

(A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of retirement; or

(B) Immediate payments equal to (A), but reduced by 0.5% for each month under age 62 when benefits begin.

Disability Retirement

No disability benefit applies.

Termination	Eligible upon termination of employment after completing five years of service. (A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of termination; or (B) Deferred payments beginning as early as age 60 equal to the normal pension accrued to the date of termination, but reduced by 0.5% for each month under age 65 when benefits begin.
Spouse Pension	Eligible upon completion of five years of service providing the participant and spouse have been married at least one year at the death of the participant. Participants who fail to meet these eligibility requirements will receive a lump sum death benefit payable to the estate of $250 multiplied by the years of participation. (A) Participant not eligible for early retirement. Immediate payments equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 55% joint and survivor benefit (Option A). The benefits are reduced ½% per month from age 62 for early commencement if the employee was between the ages of 60 and 62 at date of death. If the employee was less than age 60 at date of death, the benefits are reduced 12% for early commencement. (B) Participant eligible for early retirement. Immediate payments equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 55% joint and survivor benefit (Option A).

Forms of Payment	Any participant retiring under the plan who has been married at least one year will receive his pension in the form of a 55% joint and survivor annuity with his spouse as beneficiary (other forms, including a life annuity, are available if the spouse consents to the election). Other participants will receive their benefits in the form of a life annuity. Other options available are: ▪ 55% or 100% joint and survivor ▪ 5 or 10-year certain and life Any form of payment other than a life annuity and joint and survivor options will be reduced based on the ages of the participant and spouse (or beneficiary) when the benefits begin using factors based on the 1983 Group Annuity Mortality Table (adjusted for 50% male and 50% female content) and a 7% interest rate.
Special Medicare Reimbursement Benefit	To compensate for Medicare Part B premiums, the benefit payable to any retiree or surviving spouse is increased by $20 per month upon attainment of age 65.
Special Termination Benefits	Active employees at the time of the May 30, 2003 plant closing became eligible for the following additional benefits: ▪ Unreduced retirement at age 60 for participants age 60 and over with 10 or more years of service; ▪ An additional five years of service for participants hired after October 8, 1989 with five or more years of service; ▪ Additional years of service to get to five years of total service for participants with less than five years of service.

Changes in Plan Provisions Since the Prior Year

None.

Former Lebanon, IN Hourly-Wage Employees Pension Plan (Sub-Plan 115)

Effective Date	January 1, 1964, as restated July 1, 2007 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All hourly, bargaining employees at this location will become plan participants when they have completed one year of service.
Service	Years of service and participation are used to determine eligibility for benefits and the amount of such benefits, respectively. Service is credited from date of hire to retirement or other termination of employment. (A) Years of service are credited on an elapsed time basis to the nearest one-twelfth of a year. (B) Years of participation are credited on an elapsed time basis to the nearest one-twelfth of a year (based on continuous service).
Normal Retirement	Eligibility is age 65 and completion of five years of service. The monthly benefit is the benefit unit below multiplied by the years of participation (no limit on years of participation).

Date of Retirement		
After	**Before**	**Benefit Unit**
01-01-64	04-01-67	$ 2.00
04-01-67	11-01-84	$13.00
11-01-84	11-01-86	$13.50[1]
11-01-86	11-01-87	$14.50[1]
11-01-87	11-01-88	$15.00[1]
11-01-88	11-01-89	$15.25[1]
11-01-89	10-20-90	$15.50[1]
10-20-90	10-19-91	$16.25
10-19-91	10-24-92	$16.75
10-24-92	11-01-93	$17.25[2]
11-01-93	11-02-94	$18.25[2]
11-02-94	11-01-95	$19.00[2]
11-01-95	11-01-96	$19.50[2]
11-01-96	11-01-97	$20.25[2]
11-01-97	11-01-98	$21.00[2]
11-01-98	11-01-99	$21.75[2]
11-01-99		$22.50
Closed		

Early Retirement

Eligibility is attainment of age 55.

(A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of retirement; or

(B) Immediate payments equal to (A), but actuarially reduced for each month under age 65 when benefits begin.

[1] $2.00 benefit unit for service before April 1, 1967.

[2] Participants retiring at any time during a contract period will receive the benefit in effect at the end of the period when those increases occur.

Age	Reduction Factor
55	0.411
56	0.445
57	0.483
58	0.525
59	0.571
60	0.623
61	0.681
62	0.747
63	0.821
64	0.905
65	1.000

Disability Retirement

Eligible upon total and permanent disability following completion of 10 years of service.

Immediate payments equal to normal pension accrued to date of disability.

Termination

Eligible upon termination of employment after completing five years of service.

(A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of termination; or

(B) Deferred payments beginning as early as age 55 equal to the normal pension accrued to the date of termination, but actuarially reduced as set forth in the “Early Retirement” section for each month under age 65 when benefits begin.

Spouse Pension

Eligible upon completion of five years of service providing the participant and spouse have been married at least one year at the death of the participant.

(A) Participant not eligible for early retirement.

Deferred payments beginning when the participant would have been age 55 equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit.

(B) Participant eligible for early retirement is eligible for the following alternatives:

(i) Immediate payments equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit option.

(ii) 60 guaranteed payments of 100% of the normal pension accrued to the date of death.

(iii) 120 guaranteed payments of 50% of the normal pension accrued to the date of death.

Forms of Payment

Any participant retiring under the plan who has been married at least one year will receive his pension in the form of a reduced 50% joint and survivor annuity with his spouse as beneficiary (other forms, including a life annuity, are available if the spouse consents to the election).

Other participants will receive their benefits in the form of a life annuity.

Other options available are:

- 50%, 75%, or 100% joint and survivor
- 5, 10, or 15-year certain and life
- 50% joint and survivor with 10-year certain and life

Any form of payment other than a life annuity will he reduced based on the ages of the participant and spouse (or beneficiary) when the benefits begin using factors based on the 1994 Group Annuity Reserving Table and a 7% interest rate.

Changes in Plan Provisions Since the Prior Year

None.

Former Tell City, IN Hourly-Wage Employees Pension Plan (Sub-Plan 116)

Effective Date

January 1, 1964, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.

Eligibility

All hourly, bargaining employees at this location will become plan participants when they have completed one year of service.

Service

Years of service and participation are used to determine eligibility for benefits and the amount of such benefits, respectively. Service is credited from date of hire to retirement or other termination of employment.

(A) Years of service are credited on an elapsed time basis to the nearest 0.1 year.

(B) Years of participation are credited on an elapsed time basis to the nearest 0.1 year.

Normal Retirement

Eligibility is age 65 and completion of five years of service.

The monthly benefit is the benefit unit below multiplied by the years of participation (no limit on years of participation).

Date of Retirement		
On or After	**But Before**	**Benefit Unit**
01-01-64	05-01-82	
05-01-82	05-01-85	$ 8.00
05-01-85	05-01-86	$ 9.50
05-01-86	05-01-87	$ 9.85
05-01-87	05-01-88	$10.15
05-01-88	04-16-89	$10.50
04-16-89	04-16-90	$11.00
04-16-90	05-01-91	$11.50
05-01-91	05-01-92	$12.00
05-01-92	05-01-93	$12.75[1]
05-01-93	05-01-94	$13.50[1]
05-01-94	05-01-95	$14.25[1]

[1] Participants retiring at any time during a contract period will receive the benefit in effect at the end of the period when those increases occur.

Date of Retirement		
On or After	**But Before**	**Benefit Unit**
05-01-95	05-01-96	$15.00
05-01-96	05-01-97	$15.50
05-01-97	05-01-98	$16.25
05-01-98	05-01-99	$17.00
05-01-99	05-01-00	$17.50
05-01-00	05-01-01	$18.00
05-01-01	05-01-02	$19.00
05-01-02	05-01-03	$19.75
05-01-03	05-01-04	$20.50
05-01-04	05-01-05	$21.25
05-01-05	05-01-06	$22.25
05-01-06	04-30-07	$22.75
04-30-07	04-28-08	$23.25
04-28-08	04-29-09	$23.75
04-29-09	05-01-10	$24.25
05-01-10	05-02-11	$24.75
05-02-11	04-30-12	$25.25
04-30-12	08-05-13	$25.50
08-05-13	08-04-14	$25.90
08-04-14	08-03-15	$26.30
08-03-15	08-01-16	$26.70
08-01-16	03-12-17	$27.00
03-13-17	03-11-18	$27.50
03-12-18	03-10-19	$27.90
03-11-19	03-08-20	$28.30
03-09-20		$28.65

Early Retirement

Eligibility is attainment of age 55.

(A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of retirement; or

(B) Immediate payments equal to (A), but actuarially reduced for each month under age 65 when benefits begin as set forth below:

Commencement Age	Commencement Early Factor
55	0.4110
56	0.4450
57	0.4830
58	0.5250
59	0.5710
60	0.6230
61	0.6810
62	0.7470
63	0.8210
64	0.9050
65	1.0000

Disability Retirement

Eligible upon total and permanent disability following completion of 10 years of service.

Immediate payments equal to the normal retirement pension based on service accrued to date of disability plus future service from date of disability to age 65, reduced actuarially for commencement prior to age 65.

Termination

Eligible upon termination of employment after completing five years of service.

(A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of termination; or

(B) Deferred payments beginning as early as age 55 equal to the normal pension accrued to the date of termination, but actuarially reduced for each month under age 65 when benefits begin.

Spouse Pension

Eligible upon completion of five years of service providing the participant and spouse have been married at least one year at the death of the participant.

(A) Participant not eligible for early retirement.

Deferred payments beginning when the participant would have been age 55 equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit.

(B) Participant eligible for early retirement is eligible for the following alternatives:

(i) Immediate payments equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit.

(ii) 60 guaranteed payments of 100% of the normal pension accrued to the date of death.

(iii) 120 guaranteed payments of 50% of the normal pension accrued to the date of death.

Forms of Payment

Any participant retiring under the plan who has been married at least one year will receive his pension in the form of a reduced 50% joint and survivor annuity with his spouse as beneficiary (other forms, including a life annuity, are available if the spouse consents to the election).

Other participants will receive their benefits in the form of a life annuity.

Other options available are:

- 25%, 50%, 75%, or 100% joint and survivor
- 5, 10, or 15-year certain and life
- 50% joint and survivor with 10-year certain and life

Any form of payment other than a life annuity will be reduced based on the ages of the participant and spouse (or beneficiary) when the benefits begin using factors based on the 1994 Group Annuity Reserving Table and a 7% interest rate.

Changes in Plan Provisions Since the Prior Year

- Increase in benefit unit and/or increase in the maximum years of participation.

Former Canton, PA Hourly-Wage Employees Pension Plan (Sub-Plan 117)

Effective Date	July 1, 1987, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All hourly, bargaining employees at this location will become plan participants when they are hired.
Service	Years of service and participation are used to determine eligibility for benefits and the amount of such benefits, respectively. Service is credited from date of hire to date of retirement or other termination of employment. (A) Years of service. Beginning on the effective date, one year shall be credited for each plan year that the participant has earned 1,000 hours. If less than 1,000 hours, then 0.1-year credit will be granted for each full 170 hours of service. Effective July 1, 2005, the plan was amended to calculate years of service based on elapsed time. (B) Years of participation. Beginning on the effective date, one year shall be credited for each plan year that the participant has earned 1,700 hours. If less than 1,700 hours, then 0.1-year credit will be granted for each full 170 hours of service. Effective July 1, 2005, the plan was amended to calculate years of participation based on elapsed time.
Normal Retirement	Eligibility is age 65 and completion of five years of service. The monthly benefit is the benefit unit below multiplied by the years of participation (to a maximum of the years shown).

Date of Retirement			Maximum
On or After	But Before	Benefit Unit	Years of Participation
07-01-87	07-01-88	$13.00	35
07-01-88	07-01-89	13.50	35
07-01-89	07-01-90	14.00	35
07-01-90	07-01-91	14.50	36
07-01-91	07-01-92	15.00	37
07-01-92	07-01-93	15.50	38
07-01-93	07-01-94	16.00	39
07-01-94	07-01-95	16.50	40
07-01-95	07-01-96	17.00	40
07-01-96	07-01-97	18.00	41
07-01-97	07-01-98	18.50	42
07-01-98	07-01-99	19.00	43
07-01-99	07-01-00	20.50	43
07-01-00	07-01-01	21.50	43
07-01-01	07-01-02	22.50	43
07-01-02	07-01-03	25.50	43
07-01-03	07-01-04	26.50	43
07-01-04	05-02-05	27.50	43
05-02-05	05-02-06	28.50	45
05-02-06	05-07-07	29.50	45
05-07-07	04-21-08	31.50	45
04-21-08	04-20-09	35.00	50
04-20-09	04-19-10	35.50	50
04-19-10		36.00	50
Closed			

Note: *Benefit for service prior to the effective date is offset by the vested benefit earned from IAM Plan A.*

Early Retirement

Eligibility is attainment of age 55 and completion of 10 years of service.

(A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of retirement; or

(B) Immediate payments equal to (A), but reduced by 0.5% for each month under age 65 when benefits begin.

Disability Retirement	Eligible upon total and permanent disability following completion of 10 years of service. Immediate payments equal to normal pension accrued to date of disability.
Termination	Eligible upon termination of employment after completing five years of service. (A) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of termination; or (B) Deferred payments beginning as early as age 55 equal to the normal pension accrued to the date of termination, but reduced by 0.5% for each month under age 65 when benefits begin.
Spouse Pension	Eligible upon completion of five years of service providing the participant and spouse have been married at least one year at the death of the participant. (A) Participant not eligible for early retirement. Deferred payments beginning when the participant would have been age 55 equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit. (B) Participant eligible for early retirement. Immediate payments equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit.

Forms of Payment	Any participant retiring under the plan who has been married at least one year will receive his pension in the form of a reduced 50% joint and survivor annuity with his spouse as beneficiary (other forms, including a life annuity, are available if the spouse consents to the election). Other participants will receive their benefits in the form of a life annuity. Other options available are: ▪ 50%, 75%, or100% joint and survivor ▪ 5, 10, or 15-year certain and life ▪ 50% joint and survivor with 10-year certain and life Any form of payment other than a life annuity will be reduced based on the ages of the participant and spouse (or beneficiary) when the benefits begin using factors based on the 1994 Group Annuity Reserving Table and a 7% interest rate.

Changes in Plan Provisions Since the Prior Year

None.

Former Green Camp, OH Hourly-Wage Employees Pension Plan (Sub-Plan 123)

Effective Date	January 1, 1985, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All hourly bargaining employees at this location will become plan participants when they are hired.
Service	Years of service and participation are used to determine eligibility for benefits and the amount of benefits, respectively. Service is credited from date of hire to date of retirement or other termination of employment. (A) Years of service prior to July 1, 1998. Beginning on July 1, 1989, one year shall be credited for each plan year that the participant has earned 1,000 hours. (B) Years of service after July 1, 1998. One year of service for each 12-month period of employment with prorated service (to the nearest one-tenth) for periods less than a full year. (C) Years of participation prior to July 1, 1998. Beginning July 1, 1989, one year shall be credited for each plan year that the participant has earned 1,600 hours. If less than 1,600 hours, then 0.1-year credit will be granted for each full 1.60 hours of service. (D) Years of participation after July 1, 1998. One year of participation for each 12-month period of employment with prorated service (to the nearest one-tenth) for periods less than a full year.
Normal Retirement	Eligible at age 65. The monthly benefit is the benefit unit below multiplied by the years of participation (no limit on years of participation).

Date of Retirement		
On or After	**But Before**	**Benefit Unit**
01-01-85	08-03-89	$10.00
08-03-89	08-06-90	$10.75
08-06-90	08-05-91	$11.25
08-05-91	08-03-92	$12.00
08-03-92	08-01-93	$13.00
08-01-93	08-01-94	$13.75
08-01-94	08-01-95	$14.50
08-01-95	08-01-96	$15.50
08-01-96	08-01-97	$16.50
08-01-97	08-01-98	$17.00
08-01-98	08-01-99	$20.00
08-01-99	08-01-00	$20.50
08-01-00	06-25-01	$21.00
06-25-01	08-03-02	$23.00
08-03-02	08-02-03	$24.00
08-02-03		$25.00
Closed		

Early Retirement

Eligible upon completion of 30 years of service or attainment of age 55 and completion of 10 years of service, with at least five years of service earned while an employee of Stratoflex, Inc. or Parker Hannifin Corporation.

(A) Benefits payable for retirement under age 62 and 10 years of service or any age and 30 years of service eligibility.

Immediate unreduced payments beginning at retirement equal to normal pension accrued to the date of retirement.

(B) Benefits payable for retirement under age 55 and 10 years eligibility.

(i) Deferred payments beginning at age 65 equal to the normal pension accrued to the date of retirement; or

(ii) Immediate payments equal to (i), but reduced by 0.5% for each month under age 65 when benefits begin.

Disability Retirement

Eligible upon total and permanent disability following completion of 10 years of service.

Immediate payments equal to normal pension accrued to date of disability.

Termination

Eligible upon termination of employment after completing five years of service.

(A) Deferred payments beginning at age 65 equal to the normal pension: accrued to the date of termination; or

(B) Deferred payments beginning as early as age 55 equal to the normal pension accrued to the date of termination, but reduced by 0.5% for each month under age 65 when benefits begin.

Spouse Pension

Eligible upon completion of five years of service providing the participant and spouse have been married at least one year at the death of the participant.

(A) Participant not eligible for early retirement.

Deferred payments beginning when the participant would have been age 55 equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit.

(B) Participant eligible for early retirement.

Immediate payments equal to the normal pension accrued to the date of death assuming the participant retired the day before death and elected early retirement with the 50% joint and survivor benefit.

Forms of Payment	Any participant retiring under the plan who has been married at least one year will receive his pension in the form of a reduced 50% joint and survivor annuity with his spouse as beneficiary (other forms, including a life annuity, are available if the spouse consents to the election). Other participants will receive their benefits in the form of a life annuity. Other options available are: ▪ 50%, 66⅔%, 75%, or 100% joint and survivor ▪ 10-year certain and life Any form of payment other than a life annuity will be reduced based on the ages of the participant and spouse (or beneficiary) when the benefits begin using factors based on the 1994 Group Annuity Reserving Table and a 7% interest rate.

Changes in Plan Provisions Since the Prior Year

None.

Former Greenville, Tennessee Retirement Plan (Sub-Plan 126)

Effective Date	April 5, 1993, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All salaried, hourly and sales employees became participants on the day they were hired. This plan covers only those employees who were participants on the effective date.
Years of Vesting Service	Before April 5, 1993, years of vesting service are credited according to the TRW Salaried Pension Plan. After April 4, 1993, years of vesting service are credited for each year and partial month of employment with the employer.
Years of Benefit Service	Accrued in the same manner as years of vesting service.
Normal Retirement Date	The date on which an employee attains age 65.
Earnings	The average monthly compensation during the five consecutive calendar years which produces the highest average.
Covered Compensation	Covered compensation is the 35-year monthly average of an employee's taxable wages under Social Security assuming maximum earnings each year during his career.
Normal Retirement	Eligibility is age 65 (normal retirement). The monthly benefit is the greater of (A) and (B): (A) The amount is determined as follows: (i) 1.5% of earnings times years of benefit service (to a maximum of 35 years); plus (ii) 1.33% of earnings times years of benefit service in excess of 35 years; minus (iii) 0.4% of earnings (to a maximum of covered compensation) times years of benefit service (to a maximum of 35 years).

(B) $20 times years of benefit service.

In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants at RMA eligible locations. The main provisions of the RMA are summarized in the Appendix.

Early Retirement

Eligibility is age 55 with at least 10 years of benefit service.

The early retirement benefit payable prior to age 62 is the accrued normal retirement benefit determined without the offset in (A)(iii) above, reduced by ⅓% per month for each month the benefit commencement date precedes the date of the participant's sixtieth birthday.

The early retirement benefit payable over age 62 up to age 65 is the accrued normal retirement benefit with no reduction.

In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants at RMA eligible locations. The main provisions of the RMA are summarized in the Appendix.

If certain eligibility conditions are satisfied, a temporary pension supplement (TPS) is payable to participants at TPS eligible locations retiring prior to normal retirement. The main provisions of the TPS are summarized in the Appendix.

Termination

Eligibility is three or more years of vesting service (five years prior to July 1, 2008).

The deferred vested benefit payable prior to age 62 is the accrued normal retirement benefit determined without the offset in (A)(iii) above, reduced by 5/9% per month between ages 60 and 65 and reduced actuarially between ages 55 and 60 for each month the benefit commencement date precedes the participant's normal retirement date.

	The deferred vested benefit payable at age 62 is the accrued normal retirement benefit, reduced by 5/9% per month between ages 62 and 65 for each month the benefit commencement date precedes the participant's normal retirement date.
Immediate Lump Sum Payment Option	Eligibility is normal or early retirement or termination after age 55 with at least five years of vesting service. In lieu of the normal, early or vested benefit otherwise payable, a participant may elect to receive an immediate lump sum payment. The lump sum payment is determined using the 30-year Treasury interest rate for the third calendar month preceding the beginning of the plan year in which the payment is made.
Preretirement Spouse's Benefit	Eligible upon the death of an active employee while eligible for a vested retirement benefit providing the employee had been married for one year preceding his date of death. The benefit payable to the surviving spouse is determined as though the employee had retired the day before death, taken immediate early retirement, and accepted the 50% joint and survivor option. If the active employee dies prior to the attainment of age 55, the benefit payable to the surviving spouse is determined as though the former employee had survived to age 55 and commenced payments under the 50% joint and survivor option.
Post Termination Spouse's Benefit	Eligible upon the death of a former employee while eligible for a vested benefit providing the employee had been married for one year preceding his/her date of death. If the former employee dies after the attainment of age 55, the benefit payable to the surviving spouse is determined as though the former employee had commenced payments the day before death and accepted the 50% joint and survivor option. If the former employee dies prior to the attainment of age 55, the benefit payable to the surviving spouse is determined as though the former employee had survived to age 55 and commenced payments under the 50% joint and survivor option.

Pension Increase for Retirees	Retired participants as of June 1, 2001 received a one-time (“Millennium”) pension increase. The Millennium increase amounts are summarized in the Appendix.
Retirement Income Account (RIA)	Plan participation was frozen as of April 1, 2004 to newly hired (and rehired) employees. Participants as of June 30, 2004 were given the following plan coverage choices: (A) Continued participation and full benefit accrual under the Consolidated Pension Plan; or (B) Frozen participation and accrued benefit amounts as of June 30, 2004 under the Consolidated Pension Plan, with future plan coverage and benefit accruals payable under a new Retirement Income Account (RIA) Plan. Note that service credits towards TPS benefit and RMA accruals and interest credits continue under the Consolidated Pension Plan to eligible participants as of the June 30, 2004 choice date.
Forms of Payment	Any participant retiring under the plan who has been married at least one year will receive his pension in the form of a reduced 50% joint and survivor annuity with his spouse as beneficiary (other forms, including life annuity, are available if the spouse consents to the election). Other participants will receive their benefits in the form of a life annuity.

Other options available are:

- 50%, 75%, or 100% joint and survivor
- 5, 10, or 15-year certain and life
- 50% joint and survivor with 10-year certain and life
- Lump sum

Changes in Plan Provisions Since the Prior Year

None.

Former NWL Retirement Income Plan (Sub-Plan 129)

Effective Date	January 1, 1989, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	
Non-Union	All full-time employees become plan participants on their date of hire.
Union (Kalamazoo Hourly)	All hourly union employees at Kalamazoo become plan participants on their date of hire.
Vesting Service	
Non-Union	Prior to January 1, 1989, vesting service was based on the plan provisions then in effect. After December 31, 1988, vesting service is based on elapsed time.
Union (Kalamazoo Hourly)	Vesting service is based on elapsed time, but no service is given prior to June 1, 1941.
Credited Service	
Non-Union	Equivalent to vesting service, but rounded up to the nearest month.
Union (Kalamazoo Hourly)	Equivalent to vesting service, but rounded up to the nearest month.
Average Monthly Compensation	Average of the highest consecutive 60 months.
Social Security Covered Compensation	Social Security covered compensation is one twelfth of the Social Security taxable wage bases in effect for the 35 years ending with the year the participant would attain Social Security normal retirement age (SSNRA), assuming, in the case of a participant who retires or terminates before SSNRA, that the wage base then in effect continues unchanged until SSNRA.
Normal Retirement	Eligibility is the first day of the month after the attainment of age 65.
Non-Union	Prior to January 1, 1997, benefit is comprised of the sum of the following two pieces: a past service benefit and a future service benefit. The past service benefit is the accrued monthly benefit as of December 31, 1988 based on the plan provisions then in effect.

The future service benefit is the monthly benefit equal to 0.9% of average monthly compensation up to Social Security covered compensation, plus 1.3% of average monthly compensation in excess of Social Security covered compensation multiplied by years of credited service (earned after December 31, 1988) at normal retirement up to 35 years (35 years is reduced by years of credited service earned prior to January 1, 1989); plus 1.3% of average monthly compensation multiplied by years of credited service (earned after December 31, 1988) at normal retirement in excess of 35 years.

After December 31, 1996, the normal retirement benefit is the greater of (A) and (B) below:

(A) The monthly benefit equal to the accrued monthly benefit at December 31, 1996 as calculated above plus the future Parker benefit piece equaling 0.75% of average monthly compensation up to Social Security covered compensation, plus 1.36% of average monthly compensation in excess of Social Security covered compensation multiplied by years of credited service (earned after December 31, 1996) at normal retirement up to 35 years (35 years is reduced by years of credited service earned prior to January 1, 1997); plus 0.5% of average monthly compensation multiplied by years of credited service (earned after December 31, 1996) at normal retirement in excess of 35 years (35 years is reduced by years of credited service earned prior to January 1, 1997, with the excess held to a maximum of five years).

(B) The Parker formula monthly benefit equal to 0.75% of average monthly compensation up to Social Security covered compensation, plus 1.36% of average monthly compensation in excess of Social Security covered compensation multiplied by years of credited service at normal retirement up to 35 years; plus 0.5% of average monthly compensation multiplied by years of credited service at normal retirement in excess of 35 years (maximum of five years).

In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants at RMA eligible locations. The main provisions of the RMA are summarized in the Appendix.

If certain eligibility conditions are satisfied, a temporary pension supplement (TPS) is also payable to participants at TPS eligible locations retiring prior to normal retirement. The main provisions of the TPS are summarized in the Appendix.

Union (Kalamazoo Hourly)

The monthly retirement benefit is equal to years of credited service times benefit rate.

Date of Retirement	Benefit Rate
08-01-90 to 07-31-94	$22.00
08-01-94 to 07-31-95	$23.00
08-01-95 to 07-31-96	$23.75
08-01-96 to 07-31-97	$24.50
08-01-97 to 07-31-98	$25.50
08-01-98 to 07-31-99	$26.25
08-01-99 to 07-31-00	$27.00
08-01-00 to 07-31-01	$33.75
08-01-01 to 07-31-02	$34.75
08-01-02 to 08-03-03	$35.50
08-04-03 to 07-30-06	$39.50
07-31-06 to 08-05-07	$40.50
08-06-07 to 07-31-11	$43.50
08-01-11 to 07-29-12	$43.00
07-30-12 to 08-05-17	$46.50
08-07-17 to 08-07-22	$49.50

Early Retirement

Non-Union

Eligibility for the past service benefit piece varies depending on formula used in determining benefit on December 31, 1988. Eligibility for all other pieces is attainment of age 55 and completion of 10 years of vesting service.

Prior to January 1, 1997, benefit is comprised of the sum of the following two pieces: an early retirement past service benefit and an early retirement future service benefit.

- The early retirement past service benefit is the early retirement monthly benefit as of December 31, 1988 (including appropriate early retirement reduction factors) based on the plan provisions then in effect.
- The early retirement future service benefit is the normal retirement future service benefit multiplied by the ratio of credited service (earned after December 31, 1988) over credited service (earned after December 31, 1988) at normal retirement and further reduced by an early retirement factor described below.

After December 31, 1996, the early retirement benefit is the greater of (A) and (B) below:

(A) The monthly benefit equal to the early retirement benefit at December 31, 1996 as calculated above plus the normal retirement future Parker benefit as calculated above with the exception of average monthly compensation and credited service calculated at the time of retirement multiplied by an early retirement factor described below.

(B) The monthly benefit equal to the normal retirement Parker formula as calculated above with the exception of average monthly compensation and credited service calculated at the time of retirement multiplied by an early retirement factor described below.

In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants at RMA eligible locations. The main provisions of the RMA are summarized in the Appendix.

	If certain eligibility conditions are satisfied, a temporary pension supplement (TPS) is payable to participants at TPS eligible locations retiring prior to normal retirement. The main provisions of the TPS are summarized in the Appendix.
Union (Kalamazoo Hourly)	Eligibility is attainment of age 60 and 10 years of credited service. The monthly benefit is equal to the normal retirement benefit multiplied by an early retirement factor described below.
Early Retirement Factors	The following early retirement reductions are applicable when calculating various early retirement benefits:
Non-Union Future Service Benefit	Age 55 and 10 years of vesting service: Reduced 4% for each year retirement precedes age 65. Age 55 and 30 years of vesting service: Reduced 4% for each year retirement precedes age 62.
Non-Union Future Parker Benefit and Parker Formula	Age 55 and 10 years of vesting service: Reduced 6% for each year retirement precedes age 65.
Union (Kalamazoo Hourly)	Less than 30 years of credited service: Reduced 7.2% for each year retirement precedes age 62. At least 30 years of credited service: No reduction.
Termination	Eligible after three or more years of vesting service for non-union (five years prior to July 1, 2008) or five or more years of vesting service for union.
Non-Union	Deferred vested benefit equal to the early retirement benefit payable at age 65, or payable as early as age 55 with at least 10 years of vesting service, reduced 6% for each year commencement of benefits precede age 65.
Union (Kalamazoo Hourly)	Deferred vested benefit equal to the early retirement benefit payable at age 65, or payable as early as age 60 with at least 10 years of vesting service, reduced 7.2% for each year commencement of benefits precede age 65.

Disability Retirement	
Non-Union	Eligible upon total and permanent disability. The disability benefit is equal to the monthly normal retirement benefit assuming that the participant had worked to normal retirement at the rate of pay in effect at date of disability. Payment of such benefit is deferred until age 65.
Union (Kalamazoo Hourly)	Eligible upon total and permanent disability and 10 years of credited service. The disability benefit is equal to the monthly normal retirement benefit payable on date of disability. At normal retirement, disability benefit ceases and normal retirement benefit begins. Payment of optional forms is not provided for disability retirement. If disabled retiree dies prior to normal retirement date, surviving spouse is entitled to preretirement spouse benefit.
Preretirement Spouse's Benefit	Eligible upon the death of an active or former employee while eligible for a vested retirement benefit providing the employee had been married for one year preceding his date of death. The benefit payable to the surviving spouse is determined as though the employee had retired the day before he died (or termination date, if earlier), lived to his earliest retirement date, taken early retirement, and accepted a joint and survivor option (50% for Non Union and 55% for Union).
Supplemental Benefit	
Union (Kalamazoo Hourly)	Eligibility is attainment of age 60 and prior to age 62 with at least 25 years of credited service. The monthly supplemental retirement benefit is equal to years of credited service times supplemental benefit rate, payable until age 62.

Date of Retirement	Supplemental Benefit Rate
08-01-90 to 07-31-94	$21.50
08-01-94 to 07-31-95	$22.50
08-01-95 to 07-31-96	$23.25
08-01-96 to 07-31-97	$24.00
08-01-97 to 07-31-98	$25.00
08-01-98 to 07-31-99	$25.75
08-01-99 to 07-25-00	$26.50
07-26-00 to 07-31-01	$33.25
08-01-01 to 07-31-02	$34.25
08-01-02 to 08-03-03	$35.00
08-04-03 to 07-30-06	$39.00
07-31-06 to 08-05-07	$40.00
08-06-07 to 08-06-17	$43.00
08-07-17+	$47.50

Special Medicare Benefits
Union (Kalamazoo Hourly)

Eligible to all retirees and their spouses (except deferred vested retirees) who are age 65 or older or under age 65 and enrolled in voluntary “Medicare” coverage.

The special Medicare benefit is equal to the prevailing full Medicare amount in effect on August 1. Effective August 4, 2003, there is a cap for all future retirees at $65.00. The cap increases to $70.00 for retirements on or after July 31, 2006.

Pension Increase for Retirees
Non-Union Only

Retired participants as of June 1, 2001 received a one-time (“Millennium”) pension increase. The Millennium increase amounts are summarized in the Appendix.

Retirement Income Account (RIA)
Non-Union Only

Plan participation was frozen as of April 1, 2004 to newly hired (and rehired) employees.

Participants as of June 30, 2004 were given the following plan coverage choices:

(A) Continued participation and full benefit accrual under the Consolidated Pension Plan; or

	(B) Frozen participation and accrued benefit amounts as of June 30, 2004 under the Consolidated Pension Plan, with future plan coverage and benefit accruals payable under a new Retirement Income Account (RIA) Plan. Note that service credits towards TPS benefit and RMA accruals and interest credits continue under the Consolidated Pension Plan to eligible participants as of the June 30, 2004 choice date.
Forms of Payment	A married employee shall receive his benefit on a 50% joint and survivor actuarially equivalent reduced basis (nonunion) or a 55% joint and survivor reduced by 5% (union) unless the employee elects (with spousal consent) a life annuity. A single employee shall receive the benefit on a life annuity basis. Other options are available. The optional forms available are: ▪ 50%, 75%, or 100% joint and survivor ▪ 5, 10, or 15-year certain and life ▪ 50% joint and survivor with 10-year certain and life ▪ Joint and survivor with level freeze option

Changes in Plan Provisions Since the Prior Year

- None.

Former Gresen Hourly Pension Plan (Sub-Plan 136)

Effective Date	January 1, 1986, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	Each employee who was a participant in the Teamsters Union Local No. 970, 1976 Revised Pension Plan is automatically eligible. Other employees become eligible after completion of one year of service.
Years of Service	Plan year in which an employee is credited with 1,000 or more hours of service.
Pension Accrued Service	(A) All full and fractional years of service since January 1, 1976 while employed on an hourly basis by Gresen Manufacturing Division of Dana Corporation; plus (B) All full and fractional years of past service ending on December 31, 1975. (C) Employee shall not be given pension accrual service for hours of service during which an employee is not eligible or is employed by an affiliate of the employer; that is, pension accrual service under one plan may not he transferred to another plan. (D) Any paid absence for which the employer keeps records, such as vacation, incapacity, or layoffs shall be included as pension accrual service as long as a single period of absence is not in excess of 500 hours. (E) Credit will be given after one year for the first year of service accrued following a break in service. (F) Pension accrual service shall not include years of service prior to a break in service if the number of consecutive one-year breaks in service equals or exceeds the aggregate number of years of service prior to the break.

Accrued Benefit

The accrued benefit is the basic benefit level below times years of pension accrual service payable monthly.

Date of Retirement		Basic
On or After	But Before	Benefit Level
04-01-00	05-01-01	$27.00
05-01-01	05-01-02	$30.00
05-01-02	05-01-03	$32.00
05-01-03		$34.00
Closed		

Normal Retirement

Eligibility is attainment of age 65.

The monthly benefit is the accrued benefit determined at normal retirement date.

Early Retirement

Eligibility is attainment of age 62 and 10 or more years of service.

The monthly benefit is the accrued benefit determined at early retirement, reduced by an actuarially equivalent percentage as set forth below

Commencement Age	Early Commencement Factor
62	0.8000
63	0.8667
64	0.9333
65	1.0000

Postponed Retirement

Eligibility at the request of the employee.

The monthly benefit is the accrued benefit determined at date of postponed retirement.

Disability Retirement

All employees who become disabled after attaining age 50 and 10 or more years or service are eligible.

	The monthly benefit is the accrued benefit at the onset of disability, reduced by an actuarial equivalent percentage if prior to normal retirement date. Benefits shall begin on the later of the seventh month of disability or the first day of the month following employment termination.
Termination	Eligible upon completion of five or more years of service. (A) Deferred payments beginning at age 65 equal to the accrued benefit determined at the date of termination. (B) Deferred payments beginning as early as age 62 (if 10 years of service) equal to the benefit payable at normal retirement date actuarially reduced for early commencement.
Surviving Spouse	One-year marriage requirement imposed.
Surviving Benefit	Former and active vested employees and retirees who have elected the normal form of the survivor benefit and who have been married at least one year are eligible. For active vested and terminated vested employees eligible for early or normal retirement: Monthly survivor benefit shall be equal to 50% of the accrued benefit the employee would have received had he retired the day before his death. Benefit payment begins on the first day of the month following the date of death. For retirement employees: Monthly survivor benefit shall be equal to 50% of benefit for which retiree was eligible if the retiree did not decline the survivor's benefit. benefit payment begins on the first day of the month following the date of death. For active vested and terminated vested employees not eligible for normal or early retirement: Monthly survivor benefit shall be equal to 50% of the monthly benefit to which the employee would have been entitled had he terminated on the earlier of his termination date or date of death, survived to early retirement date and had begun receiving benefits that day, and died the next day. Benefit payments begins on early retirement date. Reduction: Pension benefit of retiree is reduced actuarially for survivor benefit option.

Forms of Benefit	Optional forms of payment are: ▪ 50%, 75%, or 100% joint and survivor ▪ 5, 10 or 15-year certain and life ▪ 50% joint and survivor with 10-year certain and life

Changes in Plan Provisions Since the Prior Year

None.

Former Commercial Intertech Corp. Pension Plan for Salaried Employees (Sub-Plan 138)

Effective Date	October 28, 1948, as restated July 1, 2008 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All nonunion salaried employees of Commercial Intertech Corp. are eligible after attainment of age 21 and completion of one year of service.
Benefit Service	Elapsed service from date of hire.
Average Compensation (Commercial Intertech)	The average base pay compensation (limited by IRC section 401(a)(17)) during the highest five consecutive years of compensation out of the last 10 years immediately preceding retirement.
Average Monthly Compensation (Parker)	Average of the highest five consecutive calendar years compensation including base salary, bonuses, overtime, incentive, etc., but excluding other compensation such as overseas allowances or moving expenses. Compensation exceeding the IRC section 401(a)(17) limit in the year of retirement or termination ($200,000 retroactively starting with the 2002 plan year) will be excluded when the average monthly compensation is determined.
Social Security Benefit	Estimated Social Security primary insurance amount at normal retirement date under the provision of the Social Security Act at the time of separation from employment assuming that the participant continues at current earnings level as of December 31, 2001.
Social Security Covered Compensation	Social Security covered compensation is one twelfth of the Social Security taxable wage bases in effect for the 35 years ending with the year the participant would attain Social Security normal retirement age (SSNRA), assuming in the case of a participant who retires or terminates before SSNRA, that the wage base then in effect continues unchanged until SSNRA.
Normal Retirement	Eligibility is the later of age 65 or the fifth anniversary of participation. The monthly benefit is the benefit as summarized below but not to exceed the maximum benefit permitted under IRC section 415.

(A) For retirements after December 31, 2001, the benefit is the greater of (i) or (ii) below:

(i) 50% of average compensation (Commercial Intertech), less 50% of Social Security, reduced for less than 25 years of benefit service and increased by 1% for each year of benefit service over 25 (to a maximum of 10%), for benefit service credited through December 31, 2001.

plus

26.25% of average monthly compensation (Parker) up to Social Security covered compensation, plus 47.60% of average monthly compensation in excess of the Social Security benefit base, reduced proportionately if benefit service earned after December 31, 2001 is under 35 years, plus 0.5% of average monthly compensation multiplied by the number of benefit service years in excess of 35 (maximum five years) for service credited after December 31, 2001.

A minimum benefit based on the benefit unit table below times basic service (maximum 40 years) will be paid.

Date of Retirement		**Minimum**
On or After	**But Before**	**Benefit Unit**
07-01-89	01-01-01	$12.50
01-01-01	01-01-02	$15.00
01-01-02	01-01-03	$18.00
01-01-03		$21.00

(ii) 26.25% of average monthly compensation (Parker) up to Social Security covered compensation, plus 47.60% of average monthly compensation in excess of the Social Security benefit base, reduced proportionately if benefit service is under 35 years, plus 0.5% of average monthly compensation multiplied by the number of benefit service years in excess of 35 (maximum five years) for all benefit service.

A minimum benefit based on the benefit unit table below times basic service (maximum 40 years) will be paid.

Date of Retirement		Minimum
On or After	But Before	Benefit Unit
07-01-89	01-01-01	$12.50
01-01-01	01-01-02	$15.00
01-01-02	01-01-03	$18.00
01-01-03		$21.00

(B) For retirements after December 31, 2001 for the grandfathered group (participants attaining at least age 50 with 15 years of service or age 60 with five years of service as of December 31, 2001), the benefit is the greater of (i), (ii) or (iii) below:

(i) 50% of average compensation (Commercial Intertech), less 50% of Social Security, reduced for less than 25 years of benefit service and increased by 1% for each year of benefit service over 25 (to a maximum of 10%), for benefit service credited through December 31, 2001.

plus

26.25% of average monthly compensation (Parker) up to Social Security covered compensation, plus 47.60% of average monthly compensation in excess of the Social Security benefit base, reduced proportionately if benefit service earned after December 31, 2001 is under 35 years, plus 0.5% of average monthly compensation multiplied by the number of benefit service years in excess of 35 (maximum five years) for service credited after December 31, 2001.

A minimum benefit based on the benefit unit table below times basic service (maximum 40 years) will be paid.

Date of Retirement		Minimum
On or After	But Before	Benefit Unit
07-01-89	01-01-01	$12.50
01-01-01	01-01-02	$15.00
01-01-02	01-01-03	$18.00
01-01-03		$21.00

(ii) 26.25% of average monthly compensation (Parker) up to Social Security covered compensation, plus 47.60% of average monthly compensation in excess of the Social Security benefit base, reduced proportionately if benefit service is under 35 years, plus 0.5% of average monthly compensation multiplied by the number of benefit service years in excess of 35 (maximum five years) for all benefit service.

A minimum benefit based on the benefit unit table below times basic service (maximum 40 years) will be paid.

Date of Retirement		Minimum
On or After	But Before	Benefit Unit
07-01-89	01-01-01	$12.50
01-01-01	01-01-02	$15.00
01-01-02	01-01-03	$18.00
01-01-03		$21.00

(iii) 50% of average compensation (Commercial Intertech), less 50% of Social Security, reduced for less than 25 years of benefit service and increased by 1% for each year of benefit service over 25 (to a maximum of 10%), for all benefit service.

In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants who did not elect to stay in the Commercial Intertech Retiree Medical Plan as of December 31, 2001. The main provisions of the RMA are summarized in the Appendix.

If certain eligibility conditions are satisfied, a temporary pension supplement (TPS) is payable to participants who did not elect to stay in the Commercial Intertech Retiree Medical Plan as of December 31, 2001 retiring prior to normal retirement. The main provisions of the TPS are summarized in the Appendix.

Accrued Benefit (Commercial Intertech)

The normal retirement benefit above under the prior Commercial Intertech formula only computed using benefit service projected to age 65, and then multiplying by benefit service at accrued benefit determination divided by benefit service projected to age 65.

Early Retirement

Eligibility is age 55 with 10 years of service, or a participant on December 31, 2001 who would not have five years of service by age 62.

The monthly benefit is the benefit under the prior Commercial Intertech formula reduced by 3/10 of 1% for each month early commencement precedes age 65.

plus/or

The benefit earned under the Parker formula reduced by 5/10 of 1% for each month early commencement precedes age 65.

In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants who did not elect to stay in the Commercial Intertech Retiree Medical Plan as of December 31, 2001. The main provisions of the RMA are summarized in the Appendix.

	If certain eligibility conditions are satisfied, a temporary pension supplement (TPS) is payable to participants who did not elect to stay in the Commercial Intertech Retiree Medical Plan as of December 31, 2001 retiring prior to normal retirement. The main provisions of the TPS are summarized in the Appendix.
Termination	Eligible upon completion of three years of service (five years prior to July 1, 2008). The benefit payable at normal retirement date, based on average compensation at termination. If the participant has 10 years of service, early commencement is available after age 55. The benefit under the prior Commercial Intertech formula reduced by 3/10 of 1% for each month early commencement precedes age 65. plus/or The benefit earned under the Parker formula reduced by 5/10 of 1% for each month early commencement precedes age 65.
Preretirement Spouse’s Benefit	Eligible upon the death of an active employee while eligible for a vested retirement benefit providing the employee had been married for one year preceding his date of death. The benefit payable to the surviving spouse is determined as though the employee had retired the day before he died, taken immediate early retirement, and accepted the 50% joint and survivor option.
Postretirement Spouse’s Benefit	Eligible upon the death of a former employee while eligible for a vested benefit providing the employee had been married for one year preceding his date of death.

	If the former employee dies after the attainment of age 55, the benefit payable to the surviving spouse is determined as though the former employee had commenced payments the day before he died and accepted the 50% joint and survivor option. If the former employee dies prior to the attainment of age 55, the benefit payable to the surviving spouse is determined as though the former employee had survived to age 55 and commenced payments on his fifty-fifth birthday under the 50% joint and survivor option.
Retirement Income Account (RIA)	Plan participation was frozen as of April 1, 2004 to newly hired (and rehired) employees. Participants as of June 30, 2004 were given the following plan coverage choices: (A) Continued participation and full benefit accrual under the Consolidated Pension Plan; or (B) Frozen participation and accrued benefit amounts as of June 30, 2004 under the Consolidated Pension Plan, with future plan coverage and benefit accruals payable under a new Retirement Income Account (RIA) Plan. Note that service credits towards TPS benefit and RMA accruals and interest credits continue under the Consolidated Pension Plan to eligible participants as of the June 30, 2004 choice date.
Forms of Payment	Optional forms of payment are: ▪ 50%, 75%, or 100% joint and survivor ▪ 5, 10, or 15-year certain and life ▪ 50% joint and survivor with 10-year certain and life
Coordination With Other Plans	Transfers into the Salaried Plan will be computed as if the employee was always in this plan. Any benefits from other plans will offset the portion payable from the plan.

Early Retirement Window	Eligibility applies to certain non-highly compensated employees retiring between October 1, 1996 and November 14, 1996 and between November 15, 1998 and December 31, 1998. The benefit payable is computed without a reduction to service or early commencement reduction using current compensation as the five-year average. An additional $800/month supplement to age 65 was provided and offered as a lump sum.

Changes in Plan Provisions Since the Prior Year

None.

Former Commercial Intertech Corp. Pension Plan for Hourly Paid Employees (Sub-Plan 139)

Effective Date	April 1, 1950, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All hourly paid employees of Commercial Intertech Corp. represented by the United Steelworkers of America are eligible after attainment of age 21 and completion of one year of continuous service.
Continuous Service	All full and fractional years of service to the nearest month from last date of hire to termination of employment, including any service required to be credited as a result of break in service rules. For part time employees, all dollar amount minimum benefits (i.e., unrelated to final average earnings) shall be based on continuous service which is proportionately reduced for less than full time employment.
Average Monthly Earnings	The monthly average earnings of the 60 highest consecutive calendar months of total earnings in last 120 months prior to termination of employment or retirement. Earnings will exclude certain cost of living adjustments in base rates since September 30, 1974. Effective January 1, 1997, the cost of living adjustment was $3.50 per base hour.
Normal Retirement	Eligibility is age 65 or the fifth anniversary of participation, if later. The monthly benefit is equal to the greater of (A) and (B) below: (A) Percent Pension: 1.1% of average monthly earnings for percent pension times years of continuous service not in excess of 30, plus 1.2% of average monthly earnings times years of continuous service in excess of 30 years. This benefit is increased by 12.6% for retirements on or after November 1, 1995.

(B) Minimum Pension: $26.50 per month times years of continuous service with a minimum benefit (for continuous service over 30 years) of $1,060 per month. The benefit units will be increased for retirements on or after the effective dates below:

Effective Date	Benefit Unit (Per Year of Service)	Minimum Benefit (for Continuous Service Over 30 Years)
11-01-00	$27.00	$1,080
11-01-01	$27.50	$1,100
02-01-02	$30.00	$1,100
02-01-03	$32.00	$1,100
02-01-04	$33.00	$1,100
02-01-05	$34.00	$1,100
02-06-06	$35.50	$1,100
02-11-07	$37.00	$1,100
02-10-08	$38.00	$1,100
02-03-09	$39.00	$1,100
02-03-10	$39.25	$1,100
02-13-11	$39.50	$1,100
02-12-12	$39.75	$1,100
02-10-13	$40.00	$1,100

Accrued Benefit

The normal retirement benefit above computed using average monthly earnings and continuous service at termination or date of determination.

Early Retirement (Unreduced)

Eligibility is at any age with 30 years of continuous service or age 62 with 15 years of continuous service.

The monthly benefit is the accrued benefit without actuarial reduction for early commencement.

Early Retirement (Reduced)

Eligibility is at age 60 with 15 years of continuous service.

The monthly benefit is the accrued benefit reduced to the actuarial equivalent of the benefit payable at age 62.

Termination

Eligible upon completion of five years of continuous service.

The monthly benefit is the accrued benefit payable at normal retirement date. The accrued benefit can be payable as early as age 60 on an actuarially reduced

	basis. If the participant terminated after age 40 with 15 years of continuous service, then the actuarial reduction is from age 62 instead of age 65.
70/80 or Rule of 65 Retirement Benefit	Eligible upon completion of 15 years of continuous service, attainment of age 55, and sum of age and continuous service total 70 or more; or, completion of 15 years of continuous service and the sum of age and continuous service total 80 or more; or, completion of 20 years of continuous service and the sum of age and continuous service total 65 or more. Retirement must be due to plant shutdown or layoff. A monthly benefit equal to (A) plus (B) below is payable immediately: (A) The accrued benefit determined at date of retirement. plus (B) A temporary supplement of $300 per month is payable until eligible for Social Security.
Disability Benefit	Eligible when physically or mentally incapacitated with 15 years of continuous service. An immediate benefit equal to (A) plus (B) below will commence after six months: (A) The accrued benefit at date of disability retirement. plus (B) A temporary supplement of $300 per month payable until eligible for Social Security.
Surviving Spouse’s Benefit	Surviving spouses of married participants who die with 1.5 years of continuous service either pre or postretirement are eligible.

	The benefit payable to the surviving spouse equals 50% of the accrued benefit at date of participant's death (minimum $140 per month) reduced when the spouse attains age 60 by the Social Security benefit that the spouse is eligible to receive (minimum: $125 per month). Retirements prior to November 1, 1996 may have different minimums.
React Preretirement Spouse's Benefit	Surviving spouses of married participants who die after having completed five years of continuous service prior to benefit commencement are eligible. The benefit payable to the surviving spouse equals the accrued benefit at date of participant's death commencing at the earliest retirement age reduced for early retirement and the 50% joint and survivor option. This amount will be a minimum for a preretirement death but will not be paid in addition to the surviving spouse benefit.
Forms of Payment	Optional forms of payment are: ▪ Straight life annuity ▪ Actuarially reduced 50%, 75%, or ▪ 100% joint and survivor annuity ▪ 5 or 10-year certain and life ▪ 50% joint and survivor with 10-year certain and life
Special Initial Payment	Payable for all retirements, except deferred vested retirements and disability retirements. In lieu of the first three months' pension payments, a lump sum payment equal to 13 weeks of vacation pay, reduced by actual vacation pay received in year of retirement is payable.

Changes in Plan Provisions Since the Prior Year

None.

Former Intertech Corp. Pension Plan for Hourly Paid Employees, Hicksville Plan (Sub-Plan 140)

Effective Date	May 6, 1973, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All hourly employees of Commercial Intertech Corp., Hicksville, Ohio Plant are eligible after attainment of age 21 and completion of one year of service.
Service	
Vesting	All continuous service with Commercial Intertech Corp. computed to the nearest one-twelfth year.
Pension	All continuous service with Commercial Intertech Corp. Hicksville, Ohio Plant as an hourly employee computed to the nearest one-twelfth year.
Normal Retirement	Eligible at the later of age 65 and fifth anniversary of participation. The monthly benefit is the benefit unit below multiplied by pension service.

Date of Retirement		
On or After	**But Before**	**Benefit Unit**
11-01-89	07-08-93	$13.00
07-08-93	07-01-97	$15.75
07-01-97	07-01-98	$17.50
07-01-98	07-01-99	$19.00
07-01-99	07-01-00	$20.00
07-01-00	07-01-01	$21.00
07-01-01	07-01-02	$23.50
07-01-02	07-01-03	$24.50
07-01-03	07-01-04	$25.50
07-01-04	07-01-05	$26.50
07-01-05	07-02-06	$27.50
07-02-06	07-01-07	$28.50
07-01-07	07-06-08	$29.50
07-06-08	07-27-08	$30.50
07-27-09	07-25-10	$31.00

Date of Retirement		
On or After	**But Before**	**Benefit Unit**
07-25-10	07-24-11	$31.50
07-24-11	07-29-12	$32.00
07-29-12	07-22-13	$32.50
07-22-13	07-21-14	$33.00
07-21-14	07-20-15	$33.50
07-20-15	07-24-16	$34.00
07-24-16	07-23-17	$34.50
07-24-17	07-23-18	$35.00
07-24-18	07-23-19	$35.50
07-24-19	07-23-19	$36.00

Early Retirement

Eligible at age 62 with 15 years of vesting service.

The monthly benefit is the accrued benefit (as determined under normal retirement above) based on pension service at termination reduced based on the chart below for early commencement:

Age	Reduction Factor
62	0.7528
63	0.7253
64	0.9072

Termination

Eligible at any age with five years of vesting service.

The accrued pension is payable at normal retirement date as determined in normal retirement above based on pension service at termination. A participant with 15 years of vesting service may elect to commence the benefit at age 62 reduced as for early retirement.

Disability Retirement

Eligible at any age with 10 years of vesting service.

A benefit is payable after six months of disability computed as in termination above based on pension service at date of disability. The benefit is payable without reduction for early commencement.

Preretirement Spouse's Benefit	Surviving spouses of married participants who die after having completed five years of vesting service are eligible. The benefit payable to the surviving spouse equals the accrued benefit (as determined in normal retirement above) at date of participant's death based on pension service at date of death. This benefit is then reduced to the actuarial equivalent of this benefit had the participant lived to early retirement (or age of death, if death occurs after early retirement), retired with a qualified 50% joint and survivor annuity and then died.
Forms of Payment	Optional forms of payment are: ▪ 50%, 75%, or 100% joint and survivor ▪ 5, 10, or 15-year certain and Life ▪ 50% joint and survivor with 10-year certain and life

Changes in Plan Provisions Since the Prior Year

- Increase in benefit unit and/or increase in the maximum years of participation.

Former Wynn's International, Inc. Retirement Plan (Sub-Plan 146)

Effective Date	January 1, 1978, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	Attainment of age 21 and completion of 1,000 hours of service in a plan year, providing that the employee is not covered by a collective bargaining agreement.
Vesting Service	One year for each plan year in which a participant has been credited with 1,000 or more hours of service.
Benefit Service	One year for each plan year in which a participant has been credited with 1,000 or more hours of service.
Compensation	The base rate of compensation paid by an employer to an employee as of the January 1 of the plan year of determination, expressed as an annual rate.
Normal Retirement	Eligibility is attainment of age 65. The normal retirement benefit is the greater of (A) and (B), plus (C): (A) For service prior to January 1, 1978 the benefit is equal to the sum of ¾% of the December 31, 1977 base salary up to $16,500 and 1¼% of the December 31, 1977 base salary in excess of $16,500 multiplied by credited service prior to December 31, 1977 (from date of acquisition or, if later, attainment of age 25 with one year of service). For service between January 1, 1978 and December 31, 1988, the benefit is equal to the sum of 1% of the January 1 base salary for that year up to the Social Security wage base, plus 2% of the January 1 base salary for that year in excess of the Social Security wage base. For service during each plan year between January 1, 1989 and December 31, 1998 (until a participant has 35 total years of service); the benefit is equal to the sum of 1.15% of the January 1 base salary for that year up to $10,000 plus 1.80% of the January 1 base salary in excess of $10,000.

	For service during each plan year between January 1, 1989 and December 31, 1998 (after the participant has 35 total years of service), the benefit is equal to 1.8% of the January 1 base salary for each year after 35 years. (B) For service prior to January 1, 1999, the benefit is equal to 1.5% of average compensation (using January 1, 1997, January 1, 1998 and January 1, 1999 compensation) times years of vesting service earned as of January 1, 1999. (C) For each plan year of service beginning on or after January 1, 1999, the benefit is equal to 1.9% of the January 1 base salary.
Early Retirement	Eligibility is attainment of age 55 and completion of five years of vesting service. The benefit is equal to the normal retirement benefit but using compensation at the time of early retirement and using service only to the early retirement date but reduced for early retirement by 1/180 for each of the first 60 months and 1/360 for each of the next 60 months preceding normal retirement.
Termination	Eligible after five or more years of vesting service. Deferred vested benefit equal to the normal retirement benefit payable at age 65, or payable as early as age 55, if reduced as for early retirement.
Preretirement Spouse’s Benefit	Eligible upon the death of a married participant while eligible for a vested retirement benefit. The benefit payable to the surviving spouse is determined as though the participant had retired the day before he died, or at age 55, if later, and accepted the 50% joint and survivor option.
Retirement Income Account (RIA)	Plan participation was frozen as of April 1, 2004 to newly hired (and rehired) employees. Participants as of June 30, 2004 were given the following plan coverage choices: (A) Continued participation and full benefit accrual under the Consolidated Pension Plan; or

	(B) Frozen participation and accrued benefit amounts as of June 30, 2004 under the Consolidated Pension Plan, with future plan coverage and benefit accruals payable under a new Retirement Income Account (RIA) Plan. Note that service credits towards TPS benefit and RMA accruals and interest credits continue under the Consolidated Pension Plan to eligible participants as of the June 30, 2004 choice date.
Forms of Payment	A married participant shall receive his benefit on a 50% joint and survivor actuarially equivalent reduced basis unless the employee elects (with spousal consent) a life annuity. A single participant shall receive the benefit on a life annuity basis. Other options available are: ▪ 50%, 75%, or 100% joint and survivor ▪ 5, 10, or 15-year certain and life ▪ 50% joint and survivor with 10-year certain and life

Changes in Plan Provisions Since the Prior Year

None.

Former Salaried Employees' Pension Plan of Wynn's-Precision, Inc (Sub-plan 147)

Plan Sponsor	Parker Hannifin Corporation.
Effective Date	June 14, 1959; as amended effective January 1, 2001 to freeze plan participation and the accumulation of benefits as of the following "freeze dates."

Freeze Date	Location
12/31/2000	Dynamic Seals, Inc.
02/28/2001	Wynn's Keeper, Inc.
05/01/2001	Wynn's-Precision, Inc.

Effective July 1, 2004, this plan was further amended to change the plan year from a calendar year to the 12-month period beginning each July 1 and ending the following June 30. Most recently amended effective July 1, 2008 by Amendment 6.

The plan was merged into the Consolidated Pension Plan as of June 30, 2013.

Participation	Eligible salaried employees participate in the noncontributory portion of the plan upon date of hire. Participation in the contributory portion of the plan is dependent upon the employee's agreement to make the required contributions. Effective with the January 1, 2001 amendment to the plan, participation is closed as of the applicable freeze date.
Service	Before January 1, 1976, service for all purposes is credited from last date of hire to nearest one-fourth year. Service after January 1, 1976 for all purposes is credited on the basis of full years and month of employment completed as of a participant's applicable freeze date.
Accrual of Benefits	A participant has accumulated a benefit payable at normal retirement date based on compensation and benefit service as of the applicable freeze date.
Employee Contributions	Employees are required to make contributions equal to 3% of compensation (not to exceed $200,000, as adjusted) to receive contributory benefit accruals.

	Employee contribution requirements were suspended as of the applicable freeze date.
Compensation	Compensation for contribution and pension calculation purposes is equal to 1/12th of the average of basic annual rate of compensation (not to exceed $200,000 as adjusted) as of each January 1 for the highest five consecutive years of contributory benefit service granted prior to the applicable freeze date.
Normal Retirement	Eligible at age 65 or the fifth anniversary of plan participation, if later. The monthly benefit is equal to the sum (1) and (2): (1) Noncontributory benefit amount determined as a monthly benefit equal to $100.00, reduced by 1/15th for each year of service less than 15 years at the employee's normal retirement date. In no event shall the noncontributory benefit of an employee who was an active participant on December 31, 1982 be less than $3.50 times credited service at his freeze date. (2) Contributory benefit amount determined as follows: a. 2⅓% of monthly plan compensation times benefit service (not to exceed 15 years); plus b. 1% of monthly plan compensation times benefit service in excess of 15 years. For purposes of determining the contributory benefit at the freeze date, benefit service means that period of credited service during which the participant made employee contributions as required by the contributory portion of the plan.
Early Retirement	Eligible at age 55 and five years of service. The early retirement benefit is the accrued retirement benefit reduced 1/180 for each of the first 60 months and 1/360 for each additional month by which the early retirement date precedes the normal retirement date.
Termination	Participants who were active employees at the applicable freeze date became eligible for 100% of their accrued retirement benefit payable at their normal

	retirement date. A participant with five years of service may elect to commence their benefit as early as age 55 reduced as for early retirement.
Spouse Pension	Upon death of an unmarried contributory participant or a married participant with non-vested benefit, the beneficiary receives the participant's accumulation payable in a lump sum. The surviving spouse of a vested participant receives the spouse's portion of a 100% survivor annuity reduced for early commencement and payable at the earliest retirement age of the participant or later date if elected by the spouse.
Disability Retirement	Eligible at age 55 and five years of credited service. The disability retirement benefit is the accrued retirement benefit reduced for early payment.
Late Retirement	Eligible if employment continues after normal retirement date. The late retirement benefit is equal to the retirement benefit determined at the applicable freeze date based on normal retirement benefit formula and plan compensation and credited service at such date.
Forms of Payment	An employee will normally receive his benefit on a straight-life basis or, if married, the actuarial equivalent of such benefits payable as a 100% joint and survivor annuity. A single life annuity, 10-year certain annuity, and 50% joint and survivor annuity are also available options.
Actuarial Equivalent	The 30-year Treasury security rate for May and the 1983 Group Annuity Mortality Table weighted 50% male and 50% female.
Plan Year	July 1 to June 30.

Changes in Plan Provisions Since the Prior Year

None.

Former Hourly Employees' Pension Plan for Wynn's Precision, Inc. (Sub-Plan 148)

Effective Date	June 14, 1959, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Participation	Each participant who was a participant as of January 1, 2001 shall continue as a participant in the 2001 plan and his participation date shall be the date as of which he became a participant in the prior plan. Each employee who was not a participant in the prior plan of the employer shall become a participant in the 2001 plan on the January 1 coinciding with or next following the date of which the employee first performs an hour of service for the employer.
Continuous Service	The period during which an employee shall have been continuously employed by the employer or by the employer's division in Lebanon, Tennessee from his most recent date of employment to the date of his retirement under the Plan or his normal retirement date, whichever occurs first. Continuous service shall not accumulate in excess of two years during any one period of layoff, leave of absence, disability or other specified purpose.
Credited Service	Prior to January 1, 1976 credited service was based on continuous service, and after that date, credited service is computed on the basis of full years and completed months.
Normal Retirement	Eligibility is attainment of age 65 and five years of credited service. (A) Determinations made prior to June 30, 1999: The monthly benefit is $14.00 multiplied by credited service. If a participant was formerly employed with Wheaton, Inc., the benefit unit below is multiplied by credited service accrued after the date of acquisition of the Springfield, Kentucky plant.

Date of Retirement		
On or After	**But Before**	**Benefit Unit**
09-30-96	01-01-97	$10.00
01-01-97	07-01-99	$10.00, pills
		$1.00 multiplied by credited service under the Wheaton Consolidated Service Retirement Plan as of the acquisition.

(B) Determinations made after June 30, 1999:

The monthly benefit is $14.00 multiplied by credited service; then increased as shown below.

For employees formerly covered under the Wheaton Consolidated Service Retirement Plan, $4.00 times credited service earned under that plan at date of acquisition plus $14.00 times credited service thereafter; then increased as shown below

Effective As of:	Kentucky Employees	Lebanon Union Employees
April 2001	$5/$15	$15.00
May 2001	—	—
April 2002	$6/$16	$16.00
May 2002	—	—
April 2003	$7/$17	$17.00
May 2003	—	—
April 2004	$8/$18	$18.00
May 2004	—	—
April 2005	Closed	$19.00
April 2006		$20.00
April 2007		$21.00
April 2008		$23.00
April 2011		$23.50
April 2012		$23.75
April 2013		$24.25
April 2014		$24.75
April 2015		$25.00
April 2016		$25.25
April 2017		$25.25
April 2018		$26.25

Early Retirement	Eligibility is attainment of age 55 and completion of five years of credited service. Benefit is equal to either: (i) deferred benefit payable at his normal retirement date equal to accrued benefit determined as of his early retirement date, or (ii) an immediate pension equal to his accrued benefit determined as of his early retirement date but reduced 0.4% for each month that early retirement precedes normal retirement date.
Disability Benefit	Eligible after five or more years of credited service and deemed disabled by the Administrative Committee. Benefit is equal to: (A) Prior to the participant's normal retirement date, $19.00 multiplied by credited service; and (B) At the participant's normal retirement date, accrued retirement benefit determined as of his disability retirement date.
Termination	Eligible after three or more years of credited service (five years prior to July 1, 2008). The deferred vested benefit is equal to the normal retirement benefit payable at age 65, or payable as early as age 55, if reduced as for early retirement.
Preretirement Spouse's Benefit	Eligible upon the death of an active employee while eligible for a vested retirement benefit. A survivor annuity for the lifetime of the participant's spouse in an amount equal to and payable as follows: (A) If the participant dies on or after his earliest retirement age, the amount of the benefit would be a survivor annuity under the qualified joint and survivor annuity payable as if the participant had retired on the day before his date of death; or (B) If the participant dies prior to his earliest retirement age, the amount of benefit would be a survivor annuity under the qualified joint and survivor annuity payable as if the participant had terminated his employment on the date of death, survived to his earliest retirement age, and died on the day after he would have attained earliest retirement age.

Post Termination Spouse's Benefit	Eligible upon the death of a former employee while eligible for a vested benefit. A survivor annuity for the lifetime of the participant's spouse in an amount equal to and payable as follows: (A) If the participant dies on or after his earliest retirement age, the amount of the benefit would be a survivor annuity under the qualified joint and survivor annuity payable as if the participant had retired on the day before his date of death; or (B) If the participant dies prior to his earliest retirement age, the amount of benefit would be a survivor annuity under the qualified joint and survivor annuity payable as if the participant had terminated his employment on the date of death, survived to his earliest retirement age, and died on the day after he would have attained earliest retirement age.
Forms of Payment	A married employee shall receive his benefit on a 50% joint and survivor actuarially equivalent reduced basis unless the employee elects (with spousal consent) a life annuity. A single employee shall receive the benefit on a life annuity basis. Other options available are: ▪ 50%, 75%, or 100% joint and survivor ▪ 5, 10, or 15-year certain and life ▪ 50% joint and survivor with 10-year certain and life

Changes in Plan Provisions Since the Prior Year

- Increase in benefit unit and/or increase in the maximum years of participation.

Former Hourly Employees' Pension Plan for Dynamic Seals, Inc. (Sub-Plan 149)

Effective Date	March 1, 1982, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All hourly employees who are members of a designated class of employees for which a separate benefit schedule is adopted by the employer shall participate as of the date of hire.
Vesting Service	Continuous service as determined prior to March 1, 1982 under The Richardson Company 1966 Divisional Pension Plan for Hourly Rated Employees plus the exact number of years and days of an individual's employment with the employer.
Benefit Service	No service prior to March 1, 1982. Thereafter, the exact number of years and days of an individual's employment with the employer.
Normal Retirement	Eligibility is attainment of age 65 and completion of five years of vesting service. The amount of the monthly benefit is as follows:
Employees of Dynamic Seals, Inc. Houston, Texas Plant	$5.00 multiplied by credited service (as an employee under this plan) from March I, 1982 (or date of hire, if later) to December 31, 1992 plus $7.50 multiplied by credited service on or after January 1, 1993 to January 1, 2001.
Employees of Dynamic Seals, Inc. Lynchburg, Virginia Plan	The benefit unit below is multiplied by all years of credited service (as an employee under this plan) after February 26, 1982 (or date of hire, if later).

Date of Retirement		
On or After	**But Before**	**Benefit Unit**
01-01-00	01-01-01	$ 9.50
01-01-01	01-01-02	$11.00
01-01-02	01-01-03	$13.00
01-01-03	01-01-04	$14.00
01-01-04	01-01-05	$15.00
01-01-05	01-01-06	$17.00
01-01-06	01-01-07	$18.00
01-01-07	01-01-08	$19.00
01-01-08	01-01-09	$20.00
01-01-09	01-01-14	$22.00
01-01-14	01-01-15	$23.00
01-01-15	01-01-16	$23.50
01-01-16	01-01-17	$24.00
01-01-17	01-01-18	$24.50
01-01-18	01-01-19	$25.50

Early Retirement

Eligibility is attainment of age 55 and completion of five years of vesting service.

Benefit is equal to either: (A) deferred benefit payable at normal retirement date equal to the accrued benefit at early retirement date, or (B) an immediate pension reduced 0.4% for each month that early retirement precedes normal retirement date.

Disability

Eligible after 15 years of vesting service and total and permanent disability.

The disability benefit is equal to the accrued retirement benefit determined at disability retirement date. The unreduced accrued retirement benefit will be doubled for the period between the date of disability benefits begin and the earlier of normal retirement date or the date the employee becomes eligible for Social Security primary old age or disability benefits.

Termination

Eligible after five or more years of vesting service.

Deferred vested benefit equal to the normal retirement benefit payable at age 65, or payable as early as age 55, if reduced as for early retirement.

Preretirement Spouse's Benefit	Eligible upon the death of an active married employee while eligible for a vested retirement benefit. A survivor annuity for the lifetime of the participant's spouse in an amount equal to and payable as: (A) If the participant dies on or after his earliest retirement age, the amount of the benefit would be a survivor annuity under the qualified joint and survivor annuity payable as if the participant had retired on the day before his date of death; or (B) If the participant dies prior to his earliest retirement age, the amount of the benefit would be a survivor annuity under the qualified joint and survivor annuity payable as if the participant had terminated his employment on the date of death, survived to his earliest retirement age, retired with commencement at his earliest retirement age, and died on the day after he would have attained earliest retirement age.
Post Termination Spouse's Benefit	Eligible upon the death of a former married employee while eligible for a vested benefit. A survivor annuity for the lifetime of the participant's spouse in an amount equal to and payable as: (A) If the participant dies on or after his earliest retirement age, the amount of the benefit would be a survivor annuity under the qualified joint and survivor annuity payable as if the participant had retired on the day before his date of death; or (B) If the participant dies prior to his earliest retirement age, the amount of the benefit would be a survivor annuity under the qualified joint and survivor annuity payable as if the participant had terminated his employment on the date of death, survived to his earliest retirement age, retired with commencement at his earliest retirement age, and died on the day after he would have attained earliest retirement age.

Special Termination Benefit

Eligible if attained five years of uninterrupted employment after March 1, 1982 and not eligible for a pension benefit other than severance under this plan and either terminated because no longer meets the requirements of the job and is not qualified for transfer to another job, or terminated because operations at a plant or department are permanently discontinued. This does not apply if the employee is temporarily disabled and under age 65 and leaves the service of the employer while still considered employable by the employer.

The benefit is computed on the following basis:

Length of Most Recent Uninterrupted Employment (After March 1, 1982)	Percent of Total Earnings (After March 1, 1982)
5 Years but Fewer Than 10	2.0%
10 Years but Fewer Than 15	2.5%
15 or More Years	3.0%

Earnings means the entire amount of compensation paid to the employee by the employer, including piecework earnings and bonuses, overtime pay, shift premiums, vacation pay, reporting for work pay and holiday pay.

Forms of Payment

A married employee shall receive his benefit on a 50% joint and survivor actuarially equivalent reduced basis unless the employee elects (with spousal consent) a life annuity. A single employee shall receive the benefit on a life annuity basis.

Other options available are:

- 50%, 75%, or 100% joint and survivor
- 5, 10, 15-year certain and life
- 50% joint and survivor with 10-year certain and life
- Lump sum payout

Changes in Plan Provisions Since the Prior Year

- Increase in benefit unit and/or increase in the maximum years of participation.

Former Goshen Rubber Company, Inc. Pension Plan—Goshen Plan Union Employees (Sub-Plan 150)

Effective Date	June 2, 1961, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Participation	Each employee who is covered under the collective bargaining agreement between the employer and Local 650, United Rubber, Cork Linoleum and Plastic Workers of America shall become a participant on the date next following the date as of which he has completed six months of employment without regard to hours of service. Note that employees on June 2, 1989 that were participants in the 1985 Plan will continue to be participants in the 1989 Plan, with their participation date equal to the participation date in the 1985 Plan.
Credited Service	Continuous service from the employee's employment commencement date to his severance from service date computed on the basis of completed one-twelfths of a year.
Vesting Service	Continuous service from the employee's employment commencement date to his severance from service date computed on the basis of completed one-twelfths of a year.
Normal Retirement	Eligibility is attainment of age 65. The monthly benefit is equal to the sum of the following: (A) Credited service earned prior to August 1, 1988 multiplied by $10.50; plus (B) Credited service earned after August 1, 1988, but before January 1, 1995 multiplied $15.50; plus (C) Credited service earned after January 1, 1995 but before June 2, 1998 multiplied by $18.00; plus

(D) Credited service earned after June 2, 1998 but before July 1, 2002 multiplied by $21.00;

plus

(E) Credited serviced earned after July 1, 2002 multiplied by the benefit unit shown below:

Date of Retirement		
On or After	**But Before**	**Benefit Unit**
07-01-02	07-01-03	$22.00
07-01-03	07-01-04	$22.75
07-01-04	07-01-05	$23.50
07-01-05	07-01-06	$24.25
07-01-06	07-01-07	$26.25
07-01-07	07-01-08	$28.25
07-01-08	06-27-10	$30.25
06-27-10	06-22-14	$31.25
06-22-14	06-22-15	$31.75
06-22-15	06-20-16	$32.00
06-20-16	06-17-17	$32.25
06-17-17	06-17-18	$32.50
06-17-18	06-17-19	$33.50

Early Retirement

Eligibility is attainment of age 55 and completion of 10 years of vesting service.

Benefit is equal to an immediate pension equal to the accrued benefit determined as of the early retirement date reduced 0.4% for each month that early retirement precedes the first day of the month coinciding with or otherwise next following the participant’s sixty-second birthday.

Disability Retirement	Eligible after 10 years of vesting service. The disability benefit is equal to the accrued benefit determined as of the disability retirement date. This benefit will be increased by 100% if the participant is not entitled to Social Security disability payments. This increased benefit will be reduced to the regular disability benefit on his normal retirement date or when he begins to receive any Social Security payments, whichever comes first.
Termination	Eligible after five or more years of vesting service. Deferred vested benefit equal to the normal retirement benefit payable at age 65, or payable as early as age 55, if reduced as for early retirement. In lieu of receiving a benefit as described above, a participant may elect to receive a single lump sum severance benefit in the amount of $195.00 multiplied by his years of credited service. The participant's benefit payable as a monthly amount starting on his normal retirement date is then reduced by this lump sum.
Preretirement Spouse's Benefit	Eligible upon the death of an active married employee while eligible for a vested retirement benefit. A survivor annuity for the lifetime of the participant's spouse in an amount equal to and payable as follows: (A) If the participant dies on or after his earliest retirement age, the amount of the benefit would be a survivor annuity under the qualified joint and survivor annuity payable as if the participant had retired on the day before his date of death; or (B) If the participant dies prior to his earliest retirement age, the amount of the benefit would be a survivor annuity under the qualified joint and survivor annuity payable as if the participant had terminated his employment on the date of death, survived to his earliest retirement age, retired with commencement at his earliest retirement age, and died on the day after he would have attained earliest retirement age.

Post Termination Spouse's Benefit	Eligible upon the death of a former married employee while eligible for a vested benefit. A survivor annuity for the lifetime of the participant's spouse in an amount equal to and payable as follows: (A) If the participant dies on or after his earliest retirement age, the amount of the benefit would be a survivor annuity under the qualified joint and survivor annuity payable as if the participant had retired on the day before his date of death; or (B) If the participant dies prior to his earliest retirement age, the amount of the benefit would be a survivor annuity under the qualified joint and survivor annuity payable as if the participant had terminated his employment on the date of death, survived to his earliest retirement age, retired with commencement at his earliest retirement age, and died on the day after he would have attained earliest retirement age.
Forms of Payment	A married employee shall receive his benefit on a 50% joint and survivor actuarially equivalent reduced basis unless the employee elects (with spousal consent) a life annuity. A single employee shall receive the benefit on a life annuity basis. Other options available are: ▪ 50%, 75%, or 100% joint and survivor ▪ 5, 10, 15, or 20-year certain and life ▪ 50% joint and survivor with 10-year certain and life ▪ Level income option

Changes in Plan Provisions Since the Prior Year

- Increase in benefit unit and/or increase in the maximum years of participation.

Former Watts FluidAir Pension Plan—Hourly Participants (Sub-Plan 151-H)

Effective Date	March 18, 1978, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All production and maintenance employees of the company compensated on an hourly basis will be eligible for participation on the first day of the month coincident with or next following the date on which he has completed one year of eligibility service and has attained at least age 21. ***Note:*** *An employee will be credited with one year of eligibility service after completing 1,000 hours of service during the 12-month period following his date of hire or during any following plan year.*
Vesting Service	One year of vesting service shall be credited for each plan year that the participant has earned 1,000 hours. If the participant has earned less than 1,000 hours, but has not experienced a break in service, vesting service credit will be granted according to the following schedule:

Hours of Service During One Plan Year	**Vesting Service Credit**
500–727	0.3
728–935	0.4
936–999	0.5
1,000 or More	1.0

Benefit Service	One full year of benefit service will be credited for every plan year that the member completes 2,080 hours of service; for less than 2,080 hours of service in a plan year, a fraction of a year equal to the number of hours of service divided by 2,080 (rounded to the nearest one-tenth) will be credited.
Normal Retirement	Eligibility is attainment of age 65. The monthly benefit is equal to the benefit amount in the table below multiplied by benefit service.

Date of Retirement		
On or After	**But Before**	**Benefit Unit**
01-01-89	01-01-03	$11.00
01-01-03	07-01-04	$12.50
07-01-04	01-01-05	$13.50
01-01-05	01-01-06	$14.50
01-01-06	01-01-07	$16.00
01-01-07	01-01-08	$16.50
01-01-08	01-01-09	$17.50
01-01-09	01-01-11	$18.50
01-01-11	01-01-12	$19.50
01-01-12	01-01-13	$20.50
01-01-13	01-01-14	$22.00
01-01-14	01-01-15	$23.00

In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants at RMA eligible locations. The main provisions of the RMA are summarized in the Appendix.

Early Retirement

Eligibility is attainment of age 55 and completion of five years of vesting service.

The benefit is equal to the normal retirement benefit based on benefit service as of the early retirement date. Payments that begin prior to the normal retirement date will be reduced by 5/9 of 1% for each of the first 60 months by which commencement precedes the normal retirement date, and by 5/18 of 1% for each month thereafter, if any, by which commencement of benefits precedes the normal retirement date.

In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants at RMA eligible locations. The main provisions of the RMA are summarized in the Appendix.

If certain eligibility conditions are satisfied, a temporary pension supplement (TPS) is payable to participants at TPS eligible locations retiring prior to normal retirement. The main provisions of the TPS are summarized in the Appendix.

Termination	Eligible after five or more years of vesting service. Deferred vested benefit equal to the normal retirement benefit payable at age 65, or payable as early as age 55, if reduced as for early retirement.
Preretirement Spouse's Benefit	Eligible upon the death of an active employee while eligible for a vested retirement benefit providing the employee had been married for one year preceding his date of death. The benefit payable to the surviving spouse is equal to the spouse's portion of a 50% joint and survivor annuity calculated at the time of death but payable at the later of the participant's normal retirement date (or early retirement date at spouse's election) or date of death.
Post Termination Spouse's Benefit	Eligible upon the death of a former employee while eligible for a vested benefit providing the employee had been married for one year preceding his date of death. The benefit payable to the surviving spouse is equal to the spouse's portion of a 50% joint and survivor annuity calculated at the time of death but payable at the later of the participant's normal retirement date (or early retirement date at spouse's election) or date of death.
Pension Increase for Retirees	Retired participants as of June 1, 2001 received a one-time ("Millennium") pension increase. The Millennium increase amounts are summarized in the Appendix.
Forms of Payment	A married employee shall receive his benefit on a 50% joint and survivor actuarially equivalent reduced basis, unless the employee elects (with spousal consent) a life annuity. A single employee shall receive the benefit on a life annuity basis. Other options are available.

Changes in Plan Provisions Since the Prior Year

None.

Former Watts FluidAir Pension Plan—Salaried Participants (Sub-Plan 151-S)

Effective Date	January 1, 1989, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	All clerical and salaried employees of the company will be eligible for participation on the first day of the month coincident with or next following the date on which he has completed one year of eligibility service and has attained age 21. ***Note:*** *an employee will be credited with one year of eligibility service after completing 1,000 hours of service during the 12-month period following his date of hire or during any following plan year.*
Vesting Service	A year of vesting service is granted for each plan year that the employee completes 1,000 or more hours of service.
Benefit Service	A year of benefit service is granted for each year that an employee completes 1,000 or more hours of service, excluding years of service prior to the participant's eighteenth birthday.
Final Average Earnings	The average of the highest 60 consecutive months of earnings within the last 120 months ending on the date of termination. Earnings are limited to the Section 401(a)(17) limit.
Normal Retirement	Eligibility is attainment of age 65. The monthly benefit will be equal to the greater of (A) and (B): (A) The frozen benefit as of December 31, 2000 calculated under the former Watts FluidAir Pension Plan for Salaried Employees formula, plus the benefit for future service calculated under the former Parker Hannifin Corporation Retirement Plan formula; or

(B) The benefit for all service calculated under the former Parker Hannifin Corporation Retirement Plan formula. (Same as Sub-Plan 050 formula.)

In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants at RMA eligible locations. The main provisions of the RMA are summarized in the Appendix.

Early Retirement

Eligibility is attainment of age 55 and completion of five years of vesting service.

The benefit is equal to the benefit calculated at normal retirement but based on final average earnings as of the early retirement date. Payments may begin before normal retirement date, but will be reduced in accordance with the following schedule:

Years Before Normal Retirement Date	Reduction Factor
0	1.000
1	0.923
2	0.846
3	0.769
4	0.731
5	0.692
6	0.654
7	0.615
8	0.577
9	0.529
10	0.486

In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants at RMA eligible locations. The main provisions of the RMA are summarized in the Appendix.

If certain eligibility conditions are satisfied, a temporary pension supplement (TPS) is payable to participants at TPS eligible locations retiring prior to normal retirement. The main provisions of the TPS are summarized in the Appendix.

Termination	Eligible after three or more years of vesting service (five years prior to July 1, 2008). Deferred vested benefit equal to the normal retirement benefit payable at age 65, or payable as early as age 55, if reduced as for early retirement.
Spouse's Benefit	Eligible upon the death of an active employee while eligible for a vested retirement benefit providing the employee had been married for one year preceding his date of death. The benefit payable to the surviving spouse is equal to the spouse's portion of the 50% joint and survivor benefit calculated at the time of death but payable at the later of the participant's normal retirement date (or early retirement date if the spouse elects) and date of death.
Pension Increase for Retirees	Retired participants as of June 1, 2001 received a one-time ("Millennium") pension increase. The Millennium increase amounts are summarized in the Appendix.
Retirement Income Account (RIA)	Plan participation was frozen as of April 1, 2004 to newly hired (and rehired) employees. Participants as of June 30, 2004 were given the following plan coverage choices: (A) Continued participation and full benefit accrual under the Consolidated Pension Plan; or (B) Frozen participation and accrued benefit amounts as of June 30, 2004 under the Consolidated Pension Plan, with future plan coverage and benefit accruals payable under a new Retirement Income Account (RIA) Plan. Note that service credits towards TPS benefit and RMA accruals and interest credits continue under the Consolidated Pension Plan to eligible participants as of the June 30, 2004 choice date.

Forms of Payment	A married employee shall receive his benefit on a 50% joint and survivor actuarially equivalent reduced basis, unless the employee elects (with spousal consent) a life annuity. A single employee shall receive the benefit on a life annuity basis. Other options available are: ▪ 50%, 75%, or 100% joint and survivor ▪ 5, 10, or 15-year certain and life ▪ 50% joint and survivor with 10-year certain and life

Changes in Plan Provisions Since the Prior Year

None.

Former Miller Fluid Power Defined Benefit Plan (Sub-Plan 153)

Effective Date	January 1, 1989, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Participation	Employees are eligible to participate at the later of the first of the month coinciding with or next following the date at which he reaches age 21 or one year of benefit service.
Vesting Service	
Salaried Participants	One year of service for each 12-month period of employment with prorated service (to the nearest l/10th) for periods less than a full year.
Hourly Participants	An employee receives one year of vesting service for each plan year after January 1, 1989 in which 1,000 hours of service are performed.
Years of Benefit Service	
Salaried Participants	(A) Year of benefit service prior to January 1, 2002. A year of benefit service is earned for each year of employment in which a minimum of 1,000 hours is worked plus an additional partial year if less than 1,000 hours in year of retirement on or after age 65. (B) Year of benefit service after January 1, 2002. One year of service for each 12-month period of employment with prorated service (to the nearest one-tenth) for periods less than a full year.
Hourly Participants	A year of benefit service is earned for each year of employment in which a minimum of 1,000 hours is worked plus an additional partial year if less than 1,000 hours in year of retirement on or after age 65.

Average Monthly Compensation

Average of the highest five calendar years compensation including base salary, bonuses, overtime, incentive, etc., but excluding other compensation such as overseas allowances or moving expenses. Compensation exceeding the IRC section 401(a)(17) limit in the year of retirement or termination ($200,000 retroactively starting with the 2002 plan year) will be excluded when the average monthly compensation is determined.

Normal Retirement

Salaried Participants

Eligibility is attainment of age 65.

The monthly benefit is equal to (A) plus (B):

(A) The frozen benefit as of December 31, 2001 calculated under the former Miller Fluid Power Pension Plan.

(B) The monthly benefit equal to 26.25% of average monthly compensation up to Social Security covered compensation, plus 47.60% of average monthly compensation in excess of the Social Security benefit base, reduced proportionately if benefit service is under 35 years, plus 0.5% of average monthly compensation multiplied by the number of benefit service years earned after December 31, 2001 in excess of 35 (maximum five years). A minimum benefit based on the benefit unit table below times basic service earned after December 31, 2001 (maximum 40 years) will be paid. Social Security covered compensation is the average of the taxable wage bases under Social Security during the 35 years ending with the employee's Social Security retirement age.

Date of Retirement		Minimum
On or After	But Before	Benefit Unit
07-01-89	01-01-01	$12.50
01-01-01	01-01-02	$15.00
01-01-02	01-01-03	$18.00
01-01-03		$21.00

In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants at RMA eligible locations. The main provisions of the RMA are summarized in the Appendix.

Hourly Participants

(A) $5 multiplied by years of benefit service completed prior to January 1, 1989; and

(B) The benefit unit below multiplied by years of benefit service after December 31, 1988.

Date of Retirement		
On or After	**But Before**	**Benefit Unit**
01-01-89	04-01-02	$15.00
04-01-02	04-01-03	$16.00
04-01-03	04-01-05	$17.25
04-01-05		$18.50
Closed		

Early Retirement

Salaried Participants

Eligibility is attainment of age 55 and completion of 10 years of vesting service.

Benefit is equal to either: (i) deferred benefit payable at age 65 equal to the normal pension but using average monthly compensation at time of early retirement and using his years of service only to the retirement date, or (ii) an immediate pension equal to (i) but reduced 0.5% for each month that early retirement precedes normal retirement date.

In addition to the regular plan benefit described above, a retiree medical account (RMA) benefit is also payable to participants at RMA eligible locations. The main provisions of the RMA are summarized in the Appendix.

If certain eligibility conditions are satisfied, a temporary pension supplement (TPS) is payable to participants at TPS eligible locations retiring prior to normal retirement. The main provisions of the TPS are summarized in the Appendix.

Hourly Participants

Age 55 and 10 years, reduced 0.5% per month preceding normal retirement date.

Disability Retirement

Salaried Participants

No provision is provided applicable to the salary related formula.

Hourly Participants

Eligible upon termination of employment on account of total and permanent disability. The disability benefit is equal to the 100% vested accrued benefit at the date of disability and is payable at the normal retirement date.

Termination

Salaried Participants

Eligible after three or more years of vesting service (five years prior to July 1, 2008).

Deferred vested benefit equal to the normal retirement benefit payable at age 65, or payable as early as age 55, if reduced as for early retirement.

Hourly Participants

Employees are vested in their benefits based on the following schedule:

Years of Vesting Service	Vesting Percent
0–1	0%
2	20%
3	40%
4	60%
5	80%
6+	100%

Participants become 100% vested on their normal retirement date regardless of their years of vesting service.

Deferred vested benefit equal to the normal retirement benefit payable at age 65.

Preretirement Spouse's Benefit	
Salaried Participants	Eligible upon the death of an active employee while eligible for a vested retirement benefit providing the employee had been married for one year preceding the date of death. The benefit payable to the surviving spouse is determined as though the employee had retired the day before the date of death, taken immediate early retirement, and accepted the 50% joint and survivor option.
Hourly Participants	Eligible upon the death of an active married employee. The Surviving spouse will receive 50% of the amount of the benefit that the employee would have received had the employee been 100% vested, terminated on the day of death, survived to normal retirement date, elected the 50% joint and survivor form then died the day after retirement. The surviving spouse will begin to receive this benefit at the later of the employee's date of death or normal retirement date.
Post-Termination Spouse's Benefit	
Salaried Participants	Eligible upon the death of a former employee while eligible for a vested benefit providing the employee had been married for one year preceding his date of death. If the former employee dies after the attainment of age 55, the benefit payable to the surviving spouse is determined as though the former employee had commenced payments the day before the date of death and accepted the 50% joint and survivor option. If the former employee dies prior to the attainment of age 55, the benefit payable to the surviving spouse is determined as though the former employee had survived to age 55 and commenced payments under the 50% joint and survivor option.

Hourly Participants	Eligible upon the death of a former employee while eligible for a vested benefit. The surviving spouse will receive 50% of the employee's vested benefit calculated as if the 50% joint and survivor form was elected, payable the later of the employee's date of death or normal retirement date.
Retirement Income Account (IRA)	
Salaried Participants	Plan participation was frozen as of April 1, 2004 to newly hired (and rehired) employees. Participants as of June 30, 2004 were given the following plan coverage choices: (A) Continued participation and full benefit accrual under the Consolidated Pension Plan; or (B) Frozen participation and accrued benefit amounts as of June 30, 2004 under the Consolidated Pension Plan, with future plan coverage and benefit accruals payable under a new Retirement Income Account (RIA) Plan. Note that service credits towards TPS benefit and RMA accruals and interest credits continue under the Consolidated Pension Plan to eligible participants as of the June 30, 2004 choice date.
Forms of Payment	A married employee shall receive his benefit on a 50% joint and survivor actuarially equivalent reduced basis unless the employee elects (with spousal consent) a life annuity. A single employee shall receive the benefit on a life annuity basis. Other options available are: ▪ 50%, 75%, or 100% joint and survivor ▪ 5, 10, or 15-year certain and life ▪ 50% joint and survivor with 10-year certain and life

Changes in Plan Provisions Since the Prior Year

None.

Former Denison Hydraulics Inc. Hourly Pension for Former Delaware and Marysville Employees (Sub-Plan 157)

Effective Date	January 1, 1987 as the Hagglunds Denison Hourly Pension Plan, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Participation	All inactive and retired participants of the Hagglunds Denison Hourly Pension Plan as of May 31, 1993 became participants of the Denison Hydraulics, Inc. Hourly Pension Plan for Former Delaware and Marysville Employees. Future eligibility to participate under the plan was frozen effective June 30, 1993.
Vesting Service	One year of vesting service is credited for each twelve-consecutive month period during which the participant completes at least 1,000 hours of service.
Benefit Service	One year of benefit service is credited for each twelve-consecutive month period beginning on the date the employee first performs an hour of service. Each fraction of a calendar month period greater than 14 days shall equal one-twelfth of a year of benefit service. Benefit Service accrual under the plan was frozen effective June 30, 1993.
Normal Retirement	Eligibility is attainment of age 65.
Marysville	The monthly benefit is the applicable benefit unit below multiplied by the years of credited service.

Date of Retirement	Benefit Unit
01-01-87 to 06-27-87	$13.00
06-28-87 to 06-25-88	$13.50
06-26-88 to 06-24-89	$14.00
06-25-89 to 06-30-90	$14.50
07-01-90 to 06-30-91	$15.00
07-01-91 to 06-30-92	$16.00
07-01-92 and After	$17.00

Delaware

The monthly benefit is the applicable benefit unit below multiplied by the years of credited service.

Date of Retirement	Benefit Unit
01-01-87 to 04-26-87	$14.50
04-27-87 to 04-24-89	$15.50
04-25-89 and After	$16.00

For both Marysville and Delaware participants, this amount will be reduced by the benefit earned as of December 12, 1986 under the Non Contributory Retirement and Disability Pension Plan of Abex Corporation.

Early Retirement

Eligibility is attainment of age 60 and completion of 10 years of service.

The early retirement benefit is equal to the normal retirement benefit reduced by 5/9 of 1% for each month the benefit commences before the participant's normal retirement date. Unreduced benefit available if certain age/service requirements are met.

Disability Retirement

Eligibility is 10 years of service for a Marysville participant (15 years of service for a Delaware participant) who is deemed to be permanently disabled.

The disability retirement benefit is a monthly benefit payable until normal retirement equal to the normal retirement benefit (calculated using benefit service at disability) unreduced by the benefit due from Abex (increased by 50% if the individual is not receiving Social Security Disability) but not less than $100.00. At normal retirement the normal retirement benefit is payable.

Termination

Eligible after five or more years of vesting service.

The deferred vested benefit is equal to the normal retirement benefit payable at age 65, or payable as early as age 60 with 10 years of service, reduced as for early retirement.

Preretirement Spouse's Benefit	The eligible surviving spouse of a vested participant will receive a pension payable at the participant's earliest retirement date or immediately if the participant was eligible for retirement on the date of death. The pension will equal one half of the pension due the participant had he or she terminated on the date before death and elected a 50% joint and survivor annuity at the first eligible age.
Postretirement Death Benefit	A death benefit of $1,550 is payable to a named beneficiary of a participant who is retired (not a vested separation) if such participant was insured for life insurance under the company's group insurance plan immediately prior to retirement.
Normal Forms of Payment	An employee will normally receive his benefit on a straight life basis or, if married, a reduced monthly benefits payable for life with 50% of the reduced benefit continuing to the participant's spouse upon death. Other optional forms available are: ▪ 50%, 75%, or 100% joint and survivor ▪ 5, 10, 15-year certain and life ▪ 50% joint and survivor with 10-year certain and life ▪ Lump sum payout

Changes in Plan Provisions Since the Prior Year

None.

	Former Denison Hydraulics Inc. Salaried Pension Plan (Sub-Plan 158)
Effective Date	January 1, 1987 as the Hagglunds Denison Salaried Pension Plan, as restated July 1, 2001 and amended through the valuation date, most recently by Amendment 16.
Eligibility	Each non-union salaried employee as of the effective date became a participant as of that date. Any other non-union salaried employee became a participant on his employment date or transfer date. All participants of the Hagglunds Denison Hourly Pension Plan as of June 15, 1993 became participants of the Denison Hydraulics, Inc. Salaried Pension Plan on that date. Future eligibility to participate under the plan was frozen effective December 31, 1994.
Vesting Service	A year of vesting service is granted for each year of employment commencing on the date the employee first performs an hour of service and ending on his or her date of retirement or termination; partial credit will be granted on the basis of completed days worked.
Benefit Service	A year of benefit service is granted for each year of employment commencing on the date the employee first performs an hour of service and ending on his or her date of retirement or termination; partial credit will be granted on the basis of completed days worked. Benefit service accrual under the plan was frozen effective December 31, 1994.
Final Average Earnings	The average of the highest 36 consecutive months of earnings prior to December 31, 1994, or, if earlier, on the date of termination or retirement. Earnings are limited to the Section 401(a)(l7) limit.
Normal Retirement	Eligibility is attainment of age 65. The benefit payable for life of the participant will be equal to (A) + (B) + (C) but not less than (D): (A) 0.8% of average annual compensation times years of credited service not in excess of 35 years.

(B) 0.4% of average annual compensation in excess of covered compensation times years of credited service to a maximum of 35 years.

(C) 1.5% of average annual compensation times years of credited service in excess of 35 years.

Participants who are due benefits from a former "Recognized Employer" (including Abex Corporation, ASEA Hagglunds, Inc. or ABB Power Generation, Inc.) will have the above benefit offset by benefits accrued under plans sponsored by the former "Recognized Employers."

(D) The participant's accrued benefit under the prior plan in effect December 31, 1989.

Regular Early Retirement

Eligible at age 60 with a minimum of 10 years of service or if hired prior to age 35, and combined age and service total at least 75.

The early retirement benefit is the accrued portion of the normal retirement benefit reduced as follows.

(A) For participants who were hired prior to age 35, have completed more than 30 years of service and retire with combined age and service totaling at least 75, the monthly pension is reduced by ½ of 1% for each month the benefit commencement date precedes age 60.

(B) For participants who were hired prior to age 35, have completed less than 30 years of service and retire with combined age and service totaling at least 75, the Monthly pension is reduced by ½ of 1% for each month the benefit commencement date precedes the date the participant would have attained age 60 or 30 years of service, whichever is later.

(C) For all other participants, the monthly pension is reduced by ½ of 1% for each month the benefit commencement date precedes normal retirement.

Participants entitled to benefits payable under Items (A) and (B) above, are also entitled to an annual supplement equal to $33.00 times years of credited service, appropriately reduced, as noted above, payable until age

	65. In no event should combined annual benefits (regular plus supplemental) payable to such participants prior to age 65 be less than $189.00 times years of credited service.
Termination	Eligible after three or more years of vesting service (five years prior to July 1, 2008). Deferred vested benefit equal to the normal retirement benefit payable at age 65, or payable as early as age 55, if reduced as for early retirement.
Preretirement Spouse's Benefit	The eligible surviving spouse of a vested participant will receive benefits payable at the participant's earliest retirement date or immediately if the participant was eligible for retirement on the date of death. The pension will equal one-half of the pension due the participant had he or she terminated on the day before death and elected a 50% joint and survivorship at the first eligible age.
Disability Benefit	A participant who is disabled prior to normal retirement or early retirement shall receive a benefit at normal retirement or early retirement assuming the participant continued to earn credited service and compensation at the rate of compensation in effect on the date of disability through that period, However, service and compensation earned after December 31, 1994 will not be considered.
Forms of Payment	A married employee shall receive his benefit on a 50% joint and survivor actuarially equivalent reduced basis, unless the employee elects (with spousal consent) a life annuity. A single employee shall receive the benefit on a life annuity basis. Other options available are: ▪ 50%, 75%, or 100% joint and survivor ▪ 5, 10, 15-year certain and life ▪ 50% joint and survivor with 10-year certain and life ▪ Level income option

Changes in Plan Provisions Since the Prior Year

None.

Former Pension Plan for Hourly Paid Employees of Sporlan Valve Company and Jefferson Products Company (Sub-Plan 161)

Effective Date	January 1, 1985, as restated July 1, 2001 and amended through the valuation date, most recently Amendment 16. This plan was merged with the Parker Hannifin Corporation Pension Plan, effective December 31, 2004.
Eligibility	Hourly paid employees in covered service working at least 667 hours per year participate after one year of employment; provided however there shall be no new participants hired on or after January 1, 2002.
Covered Service	The period during which a person is an hourly paid employee excluding anyone covered by a collective bargaining agreement under which retirement benefits were the subject of good faith bargaining and anyone working for the division of Jefferson Products Company doing business as Cline or the business operation known as I Line Manufacturing.
Benefit Service	(A) Employment periods prior to January 1, 1959. For each calendar year prior to January 1, 1959: (i) One year, if paid for 2,000 or more hours of covered service; or (ii) One-twelfth year for each 167 paid hours of covered service. Provided that total benefit service for all periods prior to January 1, 1959 shall not exceed 20 years. (B) Employment periods after January 1, 1959. For each calendar year after December 31, 1958: (i) One year of service for each 12-month period of employment with prorated service (to the nearest one-tenth) for periods less than a full year.

(ii) ¾ year for 1,000 to 1,333 hours of service; or

(iii) ½ year for 667 to 999 hours of service.

(iv) One-twelfth year for each 167 hours of service for total hours of service from 167 to 666.

Effective January 1, 2002, an employee who returns to service on or after January 1, 2002, following a layoff of more than 18 months or termination of service for 14 or more calendar days shall not earn any fractional or full years of benefit service for periods beginning on or after such return to service.

Vesting Service

Continuous employment prior to January 1, 1976 plus each calendar year after December 31, 1975 in which a person has 1,000 hours of service or more.

Normal Retirement

(A) Eligible at age 65 with five years of benefit service (but not later than the later of age 65 or the fifth anniversary of plan participation).

(B) For participants leaving covered employment after December 31, 1992:

$6.00 times years of benefit service from January 1, 1939 to December 31, 1948; plus

$13.00 times years of benefit service from January 1, 1949 to December 31, 1988; plus

$17.00 times years of benefit service from January 1, 1989 to December 31, 1992; plus

$19.00 times years of benefit service after December 31, 1992.

Future benefit accruals under this plan ceased effective with the December 31, 2004 plan merger.

Early Retirement

(A) Eligible at age 60 with 10 years of benefit service.

	(B) Accrued benefit reduced by 3/9% for each month that early retirement precedes normal retirement date. For participants who left covered employment before January 1, 1992, the reduction is 5/9% for each month that early retirement precedes normal retirement date. Future benefit accruals under this plan ceased effective with the December 31, 2004 plan merger. Sporlan Plan participants actively employed and under age 50 on the December 31, 2004 plan merger date are eligible for the temporary pension supplement (TPS) upon retirement after attaining age 60 with at least 10 years of vesting service (but not age 55 with 20 years of vesting service), provided the participants are not eligible for Medicare. The main provisions of the TPS are summarized in the Appendix.
Late Retirement	(A) Eligible after normal retirement. (B) Greater of accrued benefit at late retirement or actuarial equivalent of normal retirement benefit at late retirement. Future benefit accruals under this plan ceased effective with the December 31, 2004 plan merger.
Disability Retirement	(A) Eligible after 15 years of benefit service and termination due to covered total and permanent disability lasting at least six months. (B) Accrued benefit. Future benefit accruals under this plan ceased effective with the December 31, 2004 plan merger.
Termination	Eligible after three years of vesting service (five years prior to July 1, 2008). Full accrued benefit payable beginning at normal retirement or, with 10 years of benefit service, reduced early retirement benefit beginning from age 60 to 65. Future benefit accruals under this plan ceased effective with the December 31, 2004 plan merger.

Form of Benefit	Five years certain and life normal form. Other options available are: ▪ 50%, 75%, or 100% joint and survivor ▪ 5, 10, 15-year certain and life ▪ 50% joint and survivor with 10-year certain and life ▪ Lump sum payout
Preretirement Death Benefit	Eligible if married and age 60 with 10 years of benefit service, married with five years of vesting service or unmarried and active with five years of vesting service. (A) If participant had been married and eligible for early retirement monthly benefit to spouse for life. For deaths occurring before January 1, 1990, accrued benefit reduced for 50% joint and survivor payment form. For deaths occurring on or after January 1, 1990, accrued benefit of participant. (B) If participant had been married and vested but not eligible for early retirement monthly benefit to spouse for life commencing at first date participant would have been able to commence vested deferred termination benefit. For deaths occurring before January 1, 1990, one half of accrued benefit reduced for 50% joint and survivor payment form. For deaths occurring on or after January 1, 1990, accrued benefit of participant. (C) If participant had been active, unmarried and vested monthly for 60 months. For deaths occurring after December 31, 1991, accrued benefit discounted by 6% per annum for the period between actual commencement and the month following the month containing the employee’s sixty-fifth birthday.

Changes in Plan Provisions Since the Prior Year

None.

Former Legris Inc. Retirement Plan (Sub-Plan 184)

Effective Date	The Legris, Inc. Retirement Plan was merged into the plan, effective July 1, 2010.
Eligibility	Age 20½ and one year of work with at least 1,000 hours. No employee hired on or after March 1, 2009 will become an active participant and no inactive participant of former participant will again become an active participant.
Vesting and Benefit Service	A year of vesting and benefit service is granted for each year of employment commencing on (1) the later of date the employee first performs an hour of service or reemployment or (2) January 1, 2010 and ending on his or her date of retirement or termination; partial credit will be granted on the basis of completed days worked.
Final Average Earnings	The average of the highest five years of compensation. Earnings are limited to the Section 401(a)(17) limit.
Normal Retirement	Eligibility is the later of attainment of age 65 or five years of vesting service. 48% of final average earnings × accrued benefit adjustment. The accrued benefit adjustment is the quotient of benefit service divided by the greater of 25 years or benefit service projected to the normal retirement date.
Early Retirement	Eligible at age 55 and six years of vesting service. The early retirement benefit is the accrued portion of the normal retirement benefit reduced 6⅔% for each year up to five and 3⅓% for each year between five and 10 that the early retirement date precedes the normal retirement date.
Termination	Eligible after two or more years of vesting service. The accrued benefit is 20% vested after two years of vesting service, increasing 20% per year to 100% after six years of vesting service. Deferred vested benefit is equal to the vested portion of the accrued benefit at normal retirement age.

Preretirement Spouse's Benefit	The eligible surviving spouse of a vested participant will receive benefits payable at the participant's earliest retirement age or immediately if the participant was eligible for retirement on the date of death. The pension will equal one half of the pension due the participant had he or she terminated on the day before death and elected a 50% joint and survivorship at the first eligible age.
Forms of Payment	A married employee shall receive his benefit on a 50% joint and survivor actuarially equivalent reduced basis, unless the employee elects (with spousal consent) a life annuity. A single employee shall receive the benefit on a life annuity basis. Other options available are: ▪ 50%, 66⅔%, 75%, or 100% joint and survivor ▪ 5, 10, 15-year certain and life ▪ 50% joint and survivor with 10-year certain and life ▪ Level income option Any form of payment other than a life annuity will be reduced based on the ages of the participant and spouse (or beneficiary) when the benefits begin using factors based on the mortality table set forth in Revenue Ruling 95-6 and a 7.5% interest rate.

Changes in Plan Provisions Since the Prior Year

None.

Snap-Tite, Inc. Pension Plan (Sub-Plan 188)

Effective Date	June 1, 1963; as and last amended and restated effective June 1, 2010. The plan was merged into the Consolidated Pension Plan as of December 31, 2012.
Eligibility	All non-union employees are eligible to participate on the June 1 or December 1 following completion of one (1) year of service. Plan was frozen to all new participants effective May 31, 2006. An employee who was employed by Autoclave Engineers, Inc. shall commence earning credited service effective January 1, 1996. An employee who was employed by National Fire Hose, Inc. shall commence earning credited service effective February 1, 1998.
Service Eligibility	Completion of 1,000 hours of service during the 12-month period following employee's first hour of service, or any plan year.
Credited Service	Years and months of employment completed prior to June 1, 1975. A year of service shall be credited for each plan year after June 1, 1975 in which the employee works 1,000 hours of service. If the member works less than 1,000 hours in the last plan year, he will receive credit for any month that he works 83 hours of service. Service prior to June 1, 1978 is excluded for benefit accrual purposes for Airmatic-Allied employees as of that date. Credited service was frozen as of May 31, 2006.
Compensation	Gross calendar year compensation.
Average Annual Compensation	Average of the highest five consecutive calendar years' compensation in the last 10 calendar years preceding date of determination.

Retirement Dates	
Early	Age 60 with five years of service.
Normal	Age 65 with five years of service.
Late	Any time after normal retirement date.
Disability	Receiving Social Security disability benefits.
Retirement and Termination Benefits	
Accrued Benefit	For employees who were under the Office and Salaried Plan: Equal to the greater of (a) or (b): (a) The accrued benefit to June 1, 1975 under the Group Annuity contract plus 1% of final average annual compensation times the number of years of credited service since June 1, 1975 up to 25 years. (b) The projected benefit under the prior Group Annuity contract (Table I of the plan document) times the ratio of service to date over potential service up to normal retirement date. For employees who were under the Executive Plan and all other employees joining the plan on or after June 1, 1978: Equal to 1% of average annual compensation times the number of years of credited service up to a maximum of 25 years.
Early Retirement	Accrued benefit reduced by 3% for each year the benefit commencement date precedes normal retirement date.
Normal Retirement	Accrued benefit.
Late Retirement	Actuarial equivalent of benefit that would have been payable at normal retirement date.
Disability	Accrued benefit reduced by 3% for each of the first 10 years and actuarially for years beyond 10 that benefit commencement date precedes normal retirement date.
Vested Termination	Accrued benefit at date of termination times the percentage vested.
Vesting Schedule	A participant is 100% vested in his accrued benefit upon completion of five years of credited service.

Preretirement Death Benefits	In the case of any participant or terminated participant who dies prior to the commencement of benefits under this plan when he is vested in any portion of his accrued benefit, a death benefit shall be payable to his surviving spouse in accordance with paragraph (a) or (b) below as applicable. (a) If a participant dies after the earliest retirement age, the participant's surviving spouse (if any) will receive the same benefit that would have been payable if the participant had retired with an immediate qualified joint and survivor annuity on the day before the participant's date of death. The spouse may elect to start benefits later than the date on which payments would have been made to the surviving spouse under a qualified joint and survivor annuity. If payments are delayed, they shall be adjusted using the early retirement factors. (b) If a participant dies on or before the earliest retirement age, the participant's surviving spouse (if any) will receive the same benefit that would be payable if the participant had: (i) Separated from service on the date of death; (ii) Survived to the earliest retirement age; (iii) Retired with an immediate qualified joint and survivor annuity at the earliest retirement age; and (iv) Died on the day after the earliest retirement age. If a participant's death occurs after his normal retirement date and before he actually retires, payments shall be made to his spouse as if the participant had retired on his date of death and selected the 100% contingent annuitant option to his spouse.
Employee Contributions	None required.

Payment Forms

Normal	Life only annuity, automatically payable as a 50% joint and survivor annuity to married participants.
Optional	Optional forms are: ▪ Life annuity with five years certain and guaranteed. ▪ Life annuity with 10 years certain and guaranteed. ▪ 75% joint and survivor spousal annuity. ▪ 100% joint and survivor spousal annuity.

Plan Changes Since the Prior Year

None.

Former QD&V Union City Plan Production Employees' Pension Plan (Sub-Plan 189)

Effective Date	June 1, 1978; as last amended and restated effective June 1, 2010. The plan was merged into the Consolidated Pension Plan as of December 31, 2012.
Eligibility	All employees who are employed as a production employee at the QD&V Union City Plant are eligible to participate 30 days after their date of employment. Plan was frozen to new participants as of May 31, 2006.
Retirement Dates	
Early	Age 60 and 10 years of service.
Normal	Age 65 and five years of participation.
Late	Any time after normal retirement date.
Disability	Ten years of credited service and is eligible and receiving Social Security disability benefits.
Retirement and Termination Benefits	
Accrued Benefit	A monthly benefit equal to the product of the benefit multiplier in effect as of retirement, termination, disability, or death and the participant's years and months of credited service. Credited service is years and months of employment completed from date of hire to termination of employment. Plan was frozen for all future benefit accruals effective May 31, 2006. The negotiated benefit multipliers are as follows:

Effective Date	Benefit Multiplier
Prior to November 18, 1996	$18.00
November 18, 1996 through May 31, 1997	$18.50
June 1, 1997 through May 31, 1998	$19.00
June 1, 1998 through September 30, 1999	$19.50
October 1, 1999 through May 31, 2000	$20.00
June 1, 2000 and After	$20.50

Early Retirement	Accrued benefit reduced by one-fifteenth for each year the benefit commencement date precedes normal retirement date.
Normal Retirement	Accrued benefit.

Late Retirement	Accrued benefit determined as of actual retirement date.
Disability	Accrued benefit reduced by one-fifteenth for each of the first five years and actuarially for years beyond five that benefit commencement date precedes normal retirement date.
Minimum Benefit	In all instances, if the actuarial value of the benefit is less than the account balance from the prior plan, the account balance will be the benefit.
Vested Termination	If a member has completed less than five years of credited service, 100% of his account balance will be payable. If a member has completed at least five years of credited service, he will be entitled to the greater of his monthly accrued benefit or the monthly benefit provided by his account balance.
Preretirement Death Benefits	If death occurs prior to completing five years of service or while the member is not married, no benefits shall be payable from this plan. Upon the death of a married member who qualifies for early retirement, the member's spouse shall receive a monthly benefit for life based on the benefit payable under a joint and 50% survivor annuity which the member's spouse would receive assuming the member retired on the day before his death. The spouse of any married vested participant who was not eligible for early retirement is also eligible for a benefit if the participant should die prior to his normal retirement date. The monthly pension payable at the participant's earliest retirement date will be an amount equal to the benefit calculated as though the participant survived to his earliest retirement age, selected a 50% qualified joint and survivor annuity, and died on the day after the day of attaining the earliest retirement age. This amount will not be less than the monthly benefit that his account balance would purchase for the member's spouse under a life only annuity.
Employee Contributions	None required.

Payment Forms

Normal	Life only annuity, automatically payable as a 50% joint and survivor annuity to married participants.
Optional	Optional forms are: ▪ Life annuity with five years certain and guaranteed. ▪ Life annuity with 10 years certain and guaranteed. ▪ 75% joint and survivor spousal annuity. ▪ 100% joint and survivor spousal annuity.

Plan Changes Since the Prior Year

None.

Former PONN Manufacturing Plant Production Employees' Pension Plan (Sub-plan 190)

Effective Date	The plan became effective April 1, 1996 and has been most recently amended and restated effective June 1, 2010. The plan was merged into the Consolidated Pension Plan as of December 31, 2012.
Eligibility	All employees employed as a production employee located at the PONN manufacturing plant are eligible to participate 30 days after their date of employment. The plan was frozen to new participants as of May 31, 2006.
Retirement Dates	
Early	Age 60 and 10 years of service. The benefit earned under the Snap-Tite, Inc. Pension Plan is payable at age 60 and five years of service.
Normal	Age 65 and five years of participation.
Late	Any time after normal retirement date.
Disability	Ten years of credited service and is eligible and receiving Social Security disability benefits.
Retirement and Termination Benefits	Upon retirement, termination, disability, or death, a participant shall be entitled to receive the sum of their benefit earned under the provisions of the Snap-Tite, Inc. Pension Plan as of April 1, 1996 which was transferred to this plan, plus the product of the participant's years and months of credited service since April 1, 1996 and the benefit multiplier in effect as of retirement, termination, disability, or death. Credited service is years and months of employment completed from date of hire (but never prior to April 1, 1996) to termination of employment. The plan was frozen for all future benefit accruals effective May 31, 2006. The negotiated benefit multipliers are as follows:

Effective Date	Benefit Multiplier
April 1, 1996 through March 31, 1997	$18.00
April 1, 1997 through March 31, 1998	$18.50
April 1, 1998 through March 31, 1999	$19.00
April 1, 1999 through October 7, 2000	$19.50
October 8, 2000 and After	$20.50

Early Retirement	Accrued benefit reduced by one-fifteenth for each year the benefit commencement date precedes normal retirement date. The accrued benefit earned under the Snap-Tite, Inc. Pension Plan which has been transferred to this plan shall be subject to a 3% per year early retirement reduction factor.
Normal Retirement	Accrued benefit.
Late Retirement	Accrued benefit determined as of actual retirement date.
Disability	Accrued benefit reduced by one-fifteenth for each of the first five years and actuarially for years beyond five that benefit commencement date precedes normal retirement date. The accrued benefit earned under the Snap-Tite, Inc. Pension Plan which has been transferred to this plan shall be subject to a 3% per year reduction factor for the first five years and actuarially for years beyond five that benefit commencement date precedes normal retirement date.
Vested Termination	If a member has completed less than five years of credited service, (including service prior to April 1, 1996) no benefits shall be payable from the plan. If a member has completed at least five years of credited service, he will be entitled to his monthly accrued benefit.
Preretirement Death Benefits	If death occurs prior to completing five years of service or while the member is not married, no benefits shall be payable from this plan. Upon the death of a married member who qualified for early retirement, the member's spouse shall receive a monthly benefit for life based on the benefit payable under a joint and 50% survivor annuity which the member's spouse would receive assuming the member retired on the day before his death. The spouse of any married vested participant who is not eligible for early retirement is also eligible for a benefit if the participant should die prior to his normal retirement date. The monthly pension payable at the participant's earliest retirement date will be an amount equal to the benefit calculated as though the participant survived to

	his earliest retirement age, selected a 50% qualified joint and survivor annuity, and died on the day after the day of attaining the earliest retirement age.
Employee Contributions	None required.
Payment Forms	
Normal	Life only annuity, automatically payable as a 50% joint and survivor annuity to married participants.
Optional	Optional forms are: ▪ Life annuity with five years certain and guaranteed. ▪ Life annuity with 10 years certain and guaranteed. ▪ 75% joint and survivor spousal annuity. ▪ 100% joint and survivor spousal annuity.

Plan Changes Since the Prior Year

None.

Appendix—RMA and TPS Benefits

RMA Benefits (Active Participants)

A retiree medical account (RMA) opening balance was established on the opening balance date for all active participating employees as of the effective date at RMA eligible locations. This opening balance was calculated as follows:

- An annual RMA credit is assumed to be granted to each RMA eligible participant on each December 31 from the RMA accrual date to the opening balance date.
- Each annual RMA credit is accumulated using a 6% annual interest rate from the December 31 date. It is credited to the opening balance date.

After the establishment of the opening balance, interest will be credited to the RMA at the end of each month based on a 6% annual interest rate. These monthly interest credits will continue until the date of benefit commencement.

Each eligible participant will also receive an annual RMA credit on each December 31 as long as the participant remains an employee. The annual RMA credit, which is based on the age of the participant at the RMA accrual date, will be the same annual RMA credit that was used to determine the opening balance. The RMA accrual date is generally the participant's original date of hire or the credited service date for some acquisitions.

The table below shows the annual RMA credit based on several sample participant ages on their accrual dates:

Age on RMA Accrual Date	Annual RMA Credit
25	$185
30	$230
35	$295
40	$380
45	$510
50	$500
55	$850
60	$850

Upon benefit commencement, the accumulated RMA balance is converted to a monthly annuity as follows:

- For unmarried participants, the benefit will be paid as a life annuity.
- For married participants, the benefit will be paid as a 50% qualified joint and survivor annuity (without any actuarial reduction).

The basis upon which the RMA balance is converted to a monthly annuity is the 1994 Group Annuity Reserving Table, a 7% annual rate of interest, plus a 10% increase in the resulting annuity conversion factor. The conversion factors are based on the participant's age at benefit commencement.

A preretirement survivor benefit is available if the participant is not eligible for early retirement at the time of death, but has completed five or more years of vesting service. This RMA preretirement survivor benefit is payable as early as the date the participant would have attained age 55 in an amount equal to 50% of the benefit that would have been payable had the participant survived until the earliest possible retirement age under the plan. If the participant is eligible for early retirement at the time of death, the RMA preretirement survivor benefit is payable immediately and is equal to 50% of the benefit that would have been payable had the participant retired the day before death.

RMA Benefits (Retired Participants on June 1, 2001)

The RMA benefit for this group is an additional monthly pension paid effective June 1, 2001. Retirees in payment status (or deferred retirees) on June 1, 2001 who were eligible for retiree medical now receive an RMA benefit based on their years of service at termination. The amount of the monthly RMA benefit is determined by the table below:

Years of Service	RMA Benefit
10–19	$120
20–29	$160
30 and Over	$200

Surviving spouses in payment status on June 1, 2001 receive one half of the RMA that the participant would have received based the participant's service.

TPS Benefits (Active Participants)

A participant may also be eligible to receive a temporary pension supplement (TPS) at benefit commencement if retiring from active service prior to normal retirement and meeting certain eligibility conditions. Participants retiring under normal, early or disability retirement, will receive the TPS payable until age 65 if the participant retires at age 60 with 10 or more years of service, or at age 55 with 20 or more years of service. Participants retiring under normal, early or disability retirement who were at least age 50 with five or more years of service on July 1, 2001 will be eligible for the supplement if the participant retires on or after age 55 with 10 or more years of service. For this latter group of participants, the supplement will continue to be paid through the later of the month prior to the participant's sixty-fifth birthday or the spouse's sixty-fifth birthday. The TPS is payable as a life annuity for participants who are not married at the time of commencement and as a 50% qualified joint and survivor annuity (without any actuarial reduction) for participants who are married at the time of commencement.

The amount of the monthly TPS is determined by the table below:

Years of Service	**Monthly TPS to Age 65**
10–14	$180
15–19	$230
20–24	$300
25–29	$370
30–34	$450
35–39	$500
40 and Over	$550

A preretirement survivor benefit is available if the participant is eligible for the TPS at the time of death; the surviving spouse will receive a benefit equal to 50% of the TPS amount that the participant would have been entitled to, had the participant retired the day before death. This preretirement survivor TPS benefit is payable until the month prior to the former participant's sixty-fifth birthday. If the employee was age 50 or older with five or more years of service on July 1, 2001 and died after attaining age 55 with at least 10 years of service, the preretirement survivor TPS benefit payable to the surviving spouse continues until the later of the month prior to the participant's sixty-fifth birthday or the surviving spouse's sixty-fifth birthday.

TPS Benefits (Retired Participants on June 1, 2001

Retirees who were under age 65 or retirees who have spouses who were under age 65 as of June 1, 2001 receive the TPS to the later of the month before the retiree or spouse turns age 65. The amount of the TPS is determined by the table below:

Years of Service	TPS Benefit
10–19	$210
20–29	$330
30 and Over	$450

Retirees at the Stratoflex locations (HRIS codes 27400, 27800, 28400 and now receive a TPS benefit, which is payable only until the later of the month before the retiree or spouse turns age 65. The amount of the TPS is based on the table below:

Years of Service	Stratoflex TPS Benefit
10–19	$270
20–29	$410
30 and Over	$550

	If a retiree in pay status as of June 1, 2001 subsequently dies, the surviving spouse will continue to receive one half of the RMA plus one half of the TPS, if applicable. Surviving spouses in pay status on June 1, 2001 receive one half of the TPS that the participant would have received based on his or her age and service.
Millennium Increase	The “Millennium Increase” is a one-time pension (Retired Participants on June 1, 2001) increase for all normal, early and disabled retirees, plus surviving spouses, who had attained age 65 as of June 1, 2001 and in who were payment status on that date. The pension increase was 2% for each year the participant was over age 65 (or retirement date, if later), with a maximum increase of 10%. The minimum benefit increase was $5.00 per month for each year the participant was over age 65 (or retirement date, if later), or at least $25.00 per month.

Plan Changes Since the Prior Year

The funding valuation reflects the following plan changes:

- Many locations had an increase in the multiplier used in the benefit formula and/or an increase in the maximum years of participation. See the Plan Provisions section for details.
  - For the funding valuation, any multiplier changes adopted on or before September 1, 2018 were reflected in the valuation as allowed through an optional election under the Pension Protection Act of 2006. The multiplier becoming effective during the current plan year was used in the benefit formula and was considered effective as of the beginning of the plan year, in accordance with the Pension Protection Act of 2006.
- An increase in the annual maximum benefit limit under IRC section 415 from $215,000 to $220,000.
- An increase in the annual pay limit under IRC Section 401(a)(17) from $270,000 to $275,000.
- A change in the mortality for determining minimum lump sum payments under IRC section 417(e)(3) to the applicable rates for the current plan year.

Other Information to Fully and Fairly Disclose the Actuarial Position of the Plan

Due to software limitations with the electronic filing process, information filed electronically cannot be controlled by the Enrolled Actuary. The values on the signed Schedule SB will govern to the extent there are any differences in the entries filed electronically and the actual data contained on the signed Schedule SB.

Plan Mergers

Following the required procedures under Revenue Procedure 2017-57, approval was requested for a funding method change for the 2017 and 2018 plan years due to the plan mergers during the 2017 plan year. The IRS approved the method changes on May 29, 2019. Details of the funding method changes impacting the 2018 plan year can be found in the Line 25 attachment.

Schedule SB Attachment (Form 5500)—June 1, 2018 Plan Year
Parker-Hannifin Consolidated Pension Plan - A
EIN: 34-0451060 PN: 001

Prior to the mergers, the plan did not have a funding shortfall for the 2017 plan year, so quarterly contributions were initially not required for the 2018 plan year. However, the Parker-Hannifin Consolidated Pension Plan that merged in on June 30, 2017 did have a shortfall and therefore quarterly contributions are required for the 2018 plan year, which is reflected on Line 20.

IRS approval on May 29, 2019 outlined that the Prefunding Balance will be brought forward with the rate of return on assets for the merged plan from the last calculation date to June 1, 2018 and then combined. Below are details on the development of Lines 7 through 13.

Funding Standard	**Prefunding Carryover Balance**	**Balance**
(1) Beginning Balance, June 1, 2017	$ 0	$ 0
(2) Beginning Balance, June 30, 2017 from merger	$ 0	$ 309,447,504
(3) Balances Used During 2017		
(a) Balance Applied to 2017 Minimum Required Contribution	$ 0	$ 61,292,357[1]
(b) Balance Waived or Deemed Waived for 2017 Plan Year	0	0
(c) Total	$ 0	$ 61,292,357
(4) Amount Remaining, (1) – 2(c)	$ 0	$ 248,155,147
(1) Investment Return During 2017 Plan Year	6.71%[2]	6.71%[2]
(2) Interest Earned on Balance, (3) x (4)	$ 0	$ 16,651,210[3]
(3) Prior Year Excess Contributions		
(a) Excess 2017 Plan Year Contributions		
i. Excess Cash Contributions	N/A	$ 124,224,786
ii. Excess Contributions Due to Balances	N/A	61,292,357
iii. Total Excess Contributions	N/A	$ 185,517,143
(b) Interest to May 31, 2018[4]		
i. On Excess Cash Contributions	N/A	$ 7,291,995
ii. On Excess Contributions Due to Balances	N/A	4,498,859
iii. On Total Excess Contributions	N/A	$ 11,790,854
(c) Total Available to Add to Balance 6a(iii) + 6b(iii)	N/A	$ 197,307,997
(d) Excess Contributions Added to Balance	N/A	$ 109,000,000
(4) Preliminary Balance, June 1, 2018, (3) + (5) + 6(d)	$ 0	$ 373,806,357
(5) Balance Waived or Deemed Waived for 2018 Plan Year	0	6,175,005[1]
(6) Balance, June 1, 2018, (7) – (8)	$ 0	$ 367,631,352

[1] The actual amount applied was $67,079,074, which was greater than the minimum required contribution. Guidance from question 12 of the 2010 Gray Book was used in this development, which adjusts the excess FB applied by the actual return on plan assets for the year and then waives the resulting balance at the start of the next plan year. The Schedule SB was filled out according to the instructions, which is slightly different, but results in the same balance on June 1, 2018.

[2] 11/12ths of annual return of 7.34% since PB came from 6/30/17 merger.

[3] 11 months of interest.

[4] As applicable, interest on contributions in excess of the minimum required contribution before applying funding balances uses the effective interest rate of 5.87% (Consolidated Plan only) and interest on excess contributions attributable to the use of funding balances to offset the minimum required contribution uses the plan's investment return.

Parker-Hannifin Consolidated Pension Plan - A
Schedule H, Line 4(i) – Schedule of Assets (Held at End of Year)
May 31, 2019
EIN 26-1200603

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(d) Cost	(e) Current value
*	CASH	CASH/CASH EQUIV; 01/01/49 DD 07/01/08	$ 125,376,798	$ 125,376,798
*	CASH	CASH/CASH EQUIV; VAR RT 12/31/49 FEE CL 13; INVESTMENT FUND	(3,338,000)	(3,338,000)
*	CASH	CASH/CASH EQUIV; US (MOSTLY INVESTMENT FUNDS) & FOREIGN	(515,311)	(514,470)
*	PARKER-HANNIFIN CORP	EQUITY SEC; No. of SHARES - 1,329,495	19,135,336	202,508,678
	ISHARES CORE MSCI EAFE ETF	MUTUAL FUND; No. of SHARES - 398,145	24,107,680	23,645,832
	ISHARES CORE MSCI EMERGING	MUTUAL FUND; No. of SHARES - 191,533	9,339,149	9,408,101
	ISHARES CORE S&P 500 ETF	MUTUAL FUND; No. of SHARES - 152,155	43,767,386	42,192,582
	GMO STRAT OPPOR ALLOCATION-3	MUTUAL FUND; No. of SHARES - 6,886,994	142,040,229	132,023,666
	S & P 500 INDEX (SPX)	MUTUAL FUND; No. of SHARES - (178)	(217,562)	(250,440)
	PIMCO ALL ASSET FUND INSTITUTION	MUTUAL FUND; No. of SHARES - 15,015,609	179,659,909	171,628,414
	PIMCO FDS LONG DURATION CORP	MUTUAL FUND; No. of SHARES - 23,311,167	269,572,020	282,298,237
	PIMCO FDS PAC INVT MGMT	MUTUAL FUND; No. of SHARES - 550,283	6,750,102	7,032,613
	S&P 500 (R) INDX NL SF CL A	CCT; No. of SHARES - 3,434,170	192,879,930	189,899,312
	SSGA GLOBAL EQUITY EX USA	CCT; No. of SHARES - 30,038,606	309,818,178	305,192,232
	RUSSELL SMALL/MID CAP (R) INDEX	CCT; No. of SHARES - 1,531,058	89,141,251	82,862,382
*	AON GLOBAL EQUITY PARTICIPANT	CCT; No. of SHARES - 20,652,966	381,185,737	371,768,481
*	AGT HIGH YIELD BOND	CCT; No. of SHARES - 13,802,365	222,000,000	220,486,433
	GMO MULTI-STRATEGY FUND OFFSHORE	LIMITED PARTNERSHIP; No. of SHARES - 51,094,431	40,408,235	51,094,431
	LIGHT HOUSE V FUND LIMITED	LIMITED PARTNERSHIP; No. of SHARES - 51,480	75,083,233	95,902,710
	MESIROW INSTNL MULTI-STARATEGY	LIMITED PARTNERSHIP; No. of SHARES - 91,606,963	76,400,000	91,606,963
	ENTRUST CLASS X SERIES	LIMITED PARTNERSHIP; No. of SHARES - 25,546	2,554,621	2,371,824
	ABERDEEN EMERGING MRKTS INSTL	LIMITED PARTNERSHIP; No. of SHARES - 878,128	8,784,979	11,024,271
	VFNC TRUST PROM NOTE C-11 144A	MISCELLANEOUS; No. of SHARES - 3,323,909	2,937,048	403,924
	US TREAS-CPI INFLATION	FIXED INCOME; GOVT; 1.750% 01/15/2028 DD 01/15/08 No. of SHARES - 473,140	518,564	527,471
	US TREAS-CPI INFLATION	FIXED INCOME; GOVT; 2.500% 01/15/2029 DD 01/15/09 No. of SHARES - 1,680,953	1,971,850	2,011,412
	US TREAS-CPI INFLATION	FIXED INCOME; GOVT; 1.375% 02/15/2044 DD 02/15/14 No. of SHARES - 436,208	476,028	497,906
	US TREAS-CPI INFLATION	FIXED INCOME; GOVT; 0.875% 02/15/2047 DD 02/15/17 No. of SHARES - 1,158,157	1,097,374	1,190,296

US TREAS-CPI INFLATION	FIXED INCOME; GOVT; 1.000% 02/15/2048 DD 02/15/18 No. of SHARES - 1,649,056	1,619,722	1,749,319
US TREAS-CPI INFLATION	FIXED INCOME; GOVT; 0.375% 07/15/2027 DD 07/15/17 No. of SHARES - 623,394	606,824	625,102
US TREAS-CPI INFLATION	FIXED INCOME; GOVT; 0.500% 01/15/2028 DD 01/15/18 No. of SHARES - 1,854,666	1,825,435	1,872,601
US TREAS-CPI INFLATION	FIXED INCOME; GOVT; 0.625% 01/15/2026 DD 01/15/16 No. of SHARES - 149,748	148,629	152,436
US TREAS-CPI INFLATION	FIXED INCOME; GOVT; 0.125% 04/15/2022 DD 04/15/17 No. of SHARES - 731,549	719,987	725,170
US TREAS-CPI INFLATION	FIXED INCOME; GOVT; 0.750% 07/15/2028 DD 07/15/18 No. of SHARES - 4,657,546	4,728,553	4,820,514
U S TREASURY BD CPN STRIP	FIXED INCOME; GOVT; 0.000% 02/15/2035 DD 02/15/06 No. of SHARES - 6,300,000	3,696,996	4,285,197
U S TREASURY BD CPN STRIP	FIXED INCOME; GOVT; 0.000% 05/15/2034 DD 08/15/07 No. of SHARES - 5,600,000	3,347,114	3,894,184
U S TREASURY BD CPN STRIP	FIXED INCOME; GOVT; 0.000% 11/15/2036 DD 08/15/07 No. of SHARES - 27,000,000	15,894,638	17,481,690
U S TREASURY BD PRIN STRIP	FIXED INCOME; GOVT; 0.000% 08/15/2040 DD 08/16/10 No. of SHARES - 60,000	25,497	35,473
U S TREASURY BOND	FIXED INCOME; GOVT; 4.375% 02/15/2038 DD 02/15/08 No. of SHARES - 250,000	307,251	326,515
U S TREASURY BOND	FIXED INCOME; GOVT; 4.500% 05/15/2038 DD 05/15/08 No. of SHARES - 3,600,000	4,702,037	4,778,856
U S TREASURY BOND	FIXED INCOME; GOVT; 4.250% 05/15/2039 DD 05/15/09 No. of SHARES - 1,900,000	2,367,303	2,456,643
U S TREASURY BOND	FIXED INCOME; GOVT; 4.500% 08/15/2039 DD 08/15/09 No. of SHARES - 1,400,000	1,799,984	1,869,546
U S TREASURY BOND	FIXED INCOME; GOVT; 4.375% 05/15/2040 DD 05/15/10 No. of SHARES - 560,000	701,463	737,582
U S TREASURY BOND	FIXED INCOME; GOVT; 3.875% 08/15/2040 DD 08/15/10 No. of SHARES - 330,000	381,272	407,461
U S TREASURY BOND	FIXED INCOME; GOVT; 4.250% 11/15/2040 DD 11/15/10 No. of SHARES - 16,700,000	20,934,473	21,681,276
U S TREASURY BOND	FIXED INCOME; GOVT; 4.750% 02/15/2041 DD 02/15/11 No. of SHARES - 50,000	67,929	69,221
U S TREASURY BOND	FIXED INCOME; GOVT; 4.375% 05/15/2041 DD 05/15/11 No. of SHARES - 9,800,000	12,247,128	12,949,818
U S TREASURY BOND	FIXED INCOME; GOVT; 3.125% 11/15/2041 DD 11/15/11 No. of SHARES - 3,830,000	3,978,379	4,238,125
U S TREASURY BOND	FIXED INCOME; GOVT; 3.000% 05/15/2042 DD 05/15/12 No. of SHARES - 20,000,000	20,760,394	21,657,800
U S TREASURY BOND	FIXED INCOME; GOVT; 2.750% 08/15/2042 DD 08/15/12 No. of SHARES - 1,500,000	1,441,850	1,556,775
U S TREASURY BOND	FIXED INCOME; GOVT; 3.125% 02/15/2043 DD 02/15/13 No. of SHARES - 7,480,000	7,762,525	8,254,330

U S TREASURY BOND	FIXED INCOME; GOVT; 2.875% 05/15/2043 DD 05/15/13 No. of SHARES - 2,600,000	2,575,578	2,751,320
U S TREASURY BOND	FIXED INCOME; GOVT; 3.625% 08/15/2043 DD 08/15/13 No. of SHARES - 1,500,000	1,768,292	1,792,155
U S TREASURY BOND	FIXED INCOME; GOVT; 3.625% 02/15/2044 DD 02/15/14 No. of SHARES - 3,460,000	3,961,287	4,138,610
U S TREASURY BOND	FIXED INCOME; GOVT; 3.375% 05/15/2044 DD 05/15/14 No. of SHARES - 23,270,000	25,158,654	26,772,368
U S TREASURY BOND	FIXED INCOME; GOVT; 3.125% 08/15/2044 DD 08/15/14 No. of SHARES - 44,800,000	46,934,416	49,472,640
U S TREASURY BOND	FIXED INCOME; GOVT; 2.500% 02/15/2045 DD 02/15/15 No. of SHARES - 37,060,000	34,146,129	36,547,460
U S TREASURY BOND	FIXED INCOME; GOVT; 3.000% 05/15/2045 DD 05/15/15 No. of SHARES - 2,005,000	2,091,368	2,171,114
U S TREASURY BOND	FIXED INCOME; GOVT; 2.875% 08/15/2045 DD 08/15/15 No. of SHARES - 4,560,000	4,511,563	4,825,073
U S TREASURY BOND	FIXED INCOME; GOVT; 2.500% 02/15/2046 DD 02/15/16 No. of SHARES - 2,820,000	2,696,472	2,777,164
U S TREASURY BOND	FIXED INCOME; GOVT; 2.500% 05/15/2046 DD 05/15/16 No. of SHARES - 780,000	715,883	767,629
U S TREASURY BOND	FIXED INCOME; GOVT; 3.375% 11/15/2048 DD 11/15/18 No. of SHARES - 1,280,000	1,438,176	1,490,496
U S TREASURY BOND	FIXED INCOME; GOVT; 3.000% 02/15/2049 DD 02/15/19 No. of SHARES - 3,840,000	4,092,833	4,171,814
U S TREASURY BOND	FIXED INCOME; GOVT; 3.000% 02/15/2049 DD 02/15/19 No. of SHARES - 890,000	951,441	966,905
U S TREASURY BOND	FIXED INCOME; GOVT; 2.875% 05/15/2049 DD 05/15/19 No. of SHARES - 17,100,000	18,074,109	18,137,286
U S TREASURY NOTE	FIXED INCOME; GOVT; 2.250% 11/15/2027 DD 11/15/17 No. of SHARES - 26,700,000	26,088,175	26,998,239
U S TREASURY NOTE	FIXED INCOME; GOVT; 3.125% 11/15/2028 DD 11/15/18 No. of SHARES - -900,000	(908,374)	(975,726)
U S TREASURY NOTE	FIXED INCOME; GOVT; 3.125% 11/15/2028 DD 11/15/18 No. of SHARES - 2,300,000	2,392,920	2,493,522
U S TREASURY NOTE	FIXED INCOME; GOVT; 2.750% 11/30/2020 DD 11/30/18 No. of SHARES - 2,225,000	2,239,863	2,247,339
U S TREASURY NOTE	FIXED INCOME; GOVT; 2.625% 02/15/2029 DD 02/15/19 No. of SHARES - 3,040,000	3,134,992	3,167,650
U S TREASURY NOTE	FIXED INCOME; GOVT; 2.375% 05/15/2029 DD 05/15/19 No. of SHARES - 2,795,000	2,803,630	2,852,661
U S TREASURY NOTE	FIXED INCOME; GOVT; 2.375% 05/15/2029 DD 05/15/19 No. of SHARES - 910,000	920,812	928,773
U S TREASURY NOTE	FIXED INCOME; GOVT; 1.250% 01/31/2020 DD 01/31/15 No. of SHARES - 2,081,100	2,064,347	2,066,303
U S TREASURY NOTE	FIXED INCOME; GOVT; 1.125% 02/28/2021 DD 02/29/16 No. of SHARES - 7,400,000	7,279,221	7,288,408

U S TREASURY NOTE	FIXED INCOME; GOVT; 1.375% 05/31/2021 DD 05/31/16 No. of SHARES - 6,900,000	6,803,760	6,820,788
U S TREASURY NOTE	FIXED INCOME; GOVT; 1.125% 07/31/2021 DD 07/31/16 No. of SHARES - 6,600,000	6,444,465	6,486,282
U S TREASURY NOTE	FIXED INCOME; GOVT; 1.000% 11/30/2019 DD 11/30/12 No. of SHARES - 2,080,100	2,064,499	2,065,955
US LONG BOND FUTURE (CBT)	FIXED INCOME; GOVT; EXP SEP 19 No. of SHARES - 550	—	1,267,578
US ULTRA BOND (CBT)	FIXED INCOME; GOVT; EXP SEP 19 No. of SHARES - 486	—	2,398,333
US 10YR ULTRA FUTURE (CBT)	FIXED INCOME; GOVT; EXP SEP 19 No. of SHARES - (360)	—	(1,016,664)
US 10YR NOTE FUTURE (CBT)	FIXED INCOME; GOVT; EXP SEP 19 No. of SHARES - 2,146	—	3,143,000
US 5YR NOTE FUTURE (CBT)	FIXED INCOME; GOVT; EXP SEP 19 No. of SHARES - (309)	—	(245,826)
US 2YR NOTE FUTURE (CBT)	FIXED INCOME; GOVT; EXP SEP 19 No. of SHARES - (175)	—	(205,625)
REPUBLIC OF SOUTH AFRICA GOVERNMENT	FIXED INCOME; GOVT; 8.250% 03/31/2032 No. of SHARES - 2,200,000	184,365	138,691
FEDERAL HOME LN MTG CORP STRIP	FIXED INCOME; GOVT; 0.000% 09/15/2029 DD 10/25/00 No. of SHARES - 1,300,000	921,164	999,401
FEDERAL HOME LN MTG CORP STRIP	FIXED INCOME; GOVT; 0.000% 03/15/2031 DD 10/25/00 No. of SHARES - 500,000	179,131	365,675
UNIV OF TEXAS	FIXED INCOME; GOVT; 3.376% 07/01/2047 DD 11/14/17 No. of SHARES - 500,000	477,440	509,230
UNIV OF CALIFORNIA	FIXED INCOME; GOVT; 5.770% 05/15/2043 DD 08/27/09 No. of SHARES - 380,000	478,055	507,292
TULARE CNTY CA PENSN OBLG	FIXED INCOME; GOVT; 3.959% 06/01/2027 DD 06/25/18 No. of SHARES - 800,000	800,000	866,184
TEXAS STATE	FIXED INCOME; GOVT; 5.517% 04/01/2039 DD 08/26/09 No. of SHARES - 320,000	403,917	418,778
SAN ANTONIO TX ELEC & GAS	FIXED INCOME; GOVT; 4.427% 02/01/2042 DD 03/29/12 No. of SHARES - 1,000,000	1,103,620	1,158,850
PORT AUTH OF NEW YORK & NEW JERSEY	FIXED INCOME; GOVT; 4.458% 10/01/2062 DD 10/10/12 No. of SHARES - 600,000	601,092	708,486
PORT AUTH OF NEW YORK & NEW JERSEY	FIXED INCOME; GOVT; 4.458% 10/01/2062 DD 10/10/12 No. of SHARES - 850,000	960,075	1,003,689
PASADENA CA PUBLIC FING AUTH	FIXED INCOME; GOVT; 7.148% 03/01/2043 DD 11/23/10 No. of SHARES - 200,000	200,000	298,102
N TX TOLLWAY AUTH REVENUE	FIXED INCOME; GOVT; 6.718% 01/01/2049 DD 08/12/09 No. of SHARES - 500,000	744,940	777,570
NEWPORT BEACH CA COPS	FIXED INCOME; GOVT; 7.168% 07/01/2040 DD 11/30/10 No. of SHARES - 200,000	200,000	287,764
NEW YORK CITY NY MUNI WTR FIN	FIXED INCOME; GOVT; 5.440% 06/15/2043 DD 09/23/10 No. of SHARES - 365,000	464,171	484,840

NEW JERSEY ST TURNPIKE AUTH	FIXED INCOME; GOVT; 7.102% 01/01/2041 DD 12/15/10 No. of SHARES - 760,000	1,104,516	1,136,185
NEW JERSEY ST TURNPIKE AUTH	FIXED INCOME; GOVT; 7.414% 01/01/2040 DD 04/28/09 No. of SHARES - 210,000	315,097	322,921
MIAMI-DADE CNTY FL AVIATION	FIXED INCOME; GOVT; 3.862% 10/01/2029 DD 08/30/18 No. of SHARES - 400,000	400,000	432,992
LOS ANGELES CA UNIF SCH DIST	FIXED INCOME; GOVT; 6.758% 07/01/2034 DD 03/04/10 No. of SHARES - 50,000	67,000	68,431
LOS ANGELES CA UNIF SCH DIST	FIXED INCOME; GOVT; 6.758% 07/01/2034 DD 03/04/10 No. of SHARES - 650,000	870,994	889,597
LOS ANGELES CA DEPT WATER & POWER	FIXED INCOME; GOVT; 5.716% 07/01/2039 DD 06/02/10 No. of SHARES - 1,000,000	1,268,860	1,327,960
CALIFORNIA STATE	FIXED INCOME; GOVT; 7.600% 11/01/2040 DD 12/01/10 No. of SHARES - 385,000	600,273	614,618
CALIFORNIA STATE	FIXED INCOME; GOVT; 7.300% 10/01/2039 DD 10/15/09 No. of SHARES - 680,000	988,502	1,016,301
CALIFORNIA STATE	FIXED INCOME; GOVT; 7.550% 04/01/2039 DD 04/28/09 No. of SHARES - 145,000	221,589	227,222
BAY AREA CA TOLL AUTH TOLL BRIDGE	FIXED INCOME; GOVT; 6.263% 04/01/2049 DD 11/05/09 No. of SHARES - 860,000	1,230,006	1,272,817
RESOLUTION FDG CORP PRIN STRIP	FIXED INCOME; GOVT; 0.000% 01/15/2030 DD 01/30/91 No. of SHARES - 6,100,000	3,710,064	4,629,900
FEDERAL NATL MTG ASSN STRIP	FIXED INCOME; GOVT; 0.000% 05/15/2030 DD 05/05/00 No. of SHARES - 2,800,000	1,961,420	2,100,868
QATAR GOVERNMENT INTERNAT 144A	FIXED INCOME; GOVT; 3.875% 04/23/2023 DD 04/23/18 No. of SHARES - 600,000	595,932	622,500
PERUSAHAAN PENERBIT SBSN 144A	FIXED INCOME; GOVT; 4.450% 02/20/2029 DD 02/20/19 No. of SHARES - 400,000	400,800	415,852
KUWAIT INTERNATIONAL GOVE 144A	FIXED INCOME; GOVT; 2.750% 03/20/2022 DD 03/20/17 No. of SHARES - 400,000	397,464	402,092
KUWAIT INTERNATIONAL GOVE 144A	FIXED INCOME; GOVT; 3.500% 03/20/2027 DD 03/20/17 No. of SHARES - 1,000,000	990,260	1,040,630
INDONESIA GOVERNMENT INTE REGS	FIXED INCOME; GOVT; 4.750% 07/18/2047 DD 07/18/17 No. of SHARES - 600,000	597,750	618,114
INDONESIA GOVERNMENT INTE REGS	FIXED INCOME; GOVT; 6.750% 01/15/2044 No. of SHARES - 300,000	408,375	391,869
MEXICO GOVERNMENT INTERNATIONAL	FIXED INCOME; GOVT; 4.350% 01/15/2047 DD 08/11/16 No. of SHARES - 620,000	576,606	581,256
MEXICO GOVERNMENT INTERNATIONAL	FIXED INCOME; GOVT; 4.600% 01/23/2046 DD 01/23/15 No. of SHARES - 615,000	591,446	597,473
MEXICO GOVERNMENT INTERNATIONAL	FIXED INCOME; GOVT; 4.600% 01/23/2046 DD 01/23/15 No. of SHARES - 19,000	18,997	18,459
MEXICO GOVERNMENT INTERNATIONAL	FIXED INCOME; GOVT; 5.750% 10/12/2110 DD 10/12/10 No. of SHARES - 840,000	857,858	864,158
URUGUAY GOVERNMENT INTERNATIONAL	FIXED INCOME; GOVT; 4.975% 04/20/2055 DD 04/20/18 No. of SHARES - 600,000	592,278	632,256

URUGUAY GOVERNMENT INTERNATIONAL	FIXED INCOME; GOVT; 5.100% 06/18/2050 DD 06/18/14 No. of SHARES - 640,000	676,000	687,206
COLOMBIA GOVERNMENT INTERNATIONAL	FIXED INCOME; GOVT; 5.200% 05/15/2049 DD 01/28/19 No. of SHARES - 625,000	658,750	667,194
COLOMBIA GOVERNMENT INTERNATIONAL	FIXED INCOME; GOVT; 4.500% 03/15/2029 DD 10/12/18 No. of SHARES - 200,000	209,302	210,802
COLOMBIA GOVERNMENT INTERNATIONAL	FIXED INCOME; GOVT; 5.625% 02/26/2044 DD 01/28/14 No. of SHARES - 640,000	711,040	714,880
CHILE GOVERNMENT INTERNATIONAL	FIXED INCOME; GOVT; 3.860% 06/21/2047 DD 06/21/17 No. of SHARES - 310,000	313,875	320,850
RESOLUTION FDG CORP STRIP	FIXED INCOME; GOVT; 0.000% 04/15/2029 DD 04/15/90 No. of SHARES - 2,700,000	1,677,294	2,093,850
FNMA POOL #0BL1271	FIXED INCOME; GOVT; 3.840% 01/01/2031 DD 01/01/19 No. of SHARES - 1,000,000	1,002,969	1,092,380
FNMA POOL #0BL1248	FIXED INCOME; GOVT; 3.750% 01/01/2029 DD 01/01/19 No. of SHARES - 900,000	905,063	972,837
FNMA POOL #0BL0137	FIXED INCOME; GOVT; 3.610% 10/01/2030 DD 10/01/18 No. of SHARES - 700,000	734,016	750,260
HSBC HOLDINGS PLC	FIXED INCOME; GOVT; VAR RT 12/31/2049 No. of SHARES - 300,000	397,590	383,952
FNMA POOL #0545382	FIXED INCOME; GOVT; 8.000% 11/01/2028 DD 12/01/01 No. of SHARES - 2,679	5,083	2,912
FNMA POOL #0535441	FIXED INCOME; GOVT; 8.000% 03/01/2030 DD 07/01/00 No. of SHARES - 981	1,395	1,034
PERUVIAN GOVERNMENT INTERNATIONAL 144A	FIXED INCOME; GOVT; 5.940% 02/12/2029 DD 12/06/18 No. of SHARES - 1,100,000	325,444	347,885
FNMA POOL #0523829	FIXED INCOME; GOVT; 8.000% 11/01/2019 DD 11/01/99 No. of SHARES - 47.24	82	47
FNMA POOL #0399910	FIXED INCOME; GOVT; 7.000% 12/01/2027 DD 12/01/97 No. of SHARES - 131.44	175	134
FNMA POOL #0357140	FIXED INCOME; GOVT; 6.000% 07/01/2031 DD 07/01/01 No. of SHARES - 1,913.36	2,075	2,036
FNMA POOL #0190880	FIXED INCOME; GOVT; VAR RT 11/01/2028 DD 06/01/94 No. of SHARES - 2,651.79	2,835	2,649
FNMA POOL #0100254	FIXED INCOME; GOVT; 8.000% 12/15/2024 DD 12/01/98 No. of SHARES - 6,797.22	14,152	7,471
FHLMC MULTICLASS MTG 4380 ZG	FIXED INCOME; GOVT; 3.000% 04/15/2053 DD 08/01/14 No. of SHARES - 2,190,601.27	1,897,425	2,167,140
FNMA SF MTG	FIXED INCOME; GOVT; 5.500% 06/01/2049 DD 06/01/19 No. of SHARES - 1,200,000	1,278,656	1,283,244
FNMA SF MTG	FIXED INCOME; GOVT; 4.500% 07/01/2049 DD 07/01/19 No. of SHARES - 76,500,000	79,715,387	79,895,067
FNMA SF MTG	FIXED INCOME; GOVT; 4.000% 07/01/2049 DD 07/01/19 No. of SHARES - -18,000,000	(18,406,152)	(18,570,960)

FNMA SF MTG	FIXED INCOME; GOVT; 3.500% 07/01/2049 DD 07/01/19 No. of SHARES - -27,000,000	(27,393,330)	(27,517,860)
FNMA SF MTG	FIXED INCOME; GOVT; 3.000% 07/01/2049 DD 07/01/19 No. of SHARES - -8,900,000	(8,833,891)	(8,931,061)
FNMA GTD REMIC P/T 13-67 NS	FIXED INCOME; GOVT; VAR RATE; 07/25/2043 DD 06/25/13; No. of SHARES - 213,418	163,264	193,800
MEXICO GOVERNMENT INTERNATIONAL	FIXED INCOME; GOVT;4.000% 03/15/2115; No. of SHARES - 400,000	446,579	429,535
LONG GILT FUTURE (ICF)	FIXED INCOME; CORP; EXP SEP 19 No. of SHARES - (42)	—	(19,587)
90DAY EURO$ FUTURE (CME)	FIXED INCOME; CORP; EXP JUN 20 No. of SHARES - (279)	—	(937,069)
90DAY EURO$ FUTURE (CME)	FIXED INCOME; CORP; EXP JUN 19 No. of SHARES - 279	—	355,786
90DAY EURO$ FUTURE (CME)	FIXED INCOME; CORP; EXP SEP 19 No. of SHARES - (309)	—	104,545
ROYAL BANK OF SCOTLAND GROUP	FIXED INCOME; CORP; VAR RT 01/27/2030 DD 09/27/18 No. of SHARES - 515,000	540,075	544,242
ROYAL BANK OF SCOTLAND GROUP	FIXED INCOME; CORP; VAR RT 01/27/2030 DD 09/27/18 No. of SHARES - 400,000	400,000	422,712
SUNCOR ENERGY INC	FIXED INCOME; CORP; 7.150% 02/01/2032 DD 01/29/02 No. of SHARES - 500,000	645,420	656,755
MACMILLAN BLOEDEL PEMBROKE LP	FIXED INCOME; CORP; 7.700% 02/15/2026 DD 02/21/96 No. of SHARES - 85,000	77,138	105,892
CANADIAN PACIFIC RR CO	FIXED INCOME; CORP; 6.125% 05/15/2115 DD 09/11/15 No. of SHARES - 1,270,000	1,600,327	1,669,987
CANADIAN PACIFIC RR CO	FIXED INCOME; CORP; 6.125% 05/15/2115 DD 09/11/15 No. of SHARES - 300,000	379,269	394,485
VODAFONE GROUP PLC	FIXED INCOME; CORP; 5.250% 05/30/2048 DD 05/30/18 No. of SHARES - 2,000,000	1,904,760	2,075,620
VODAFONE GROUP PLC	FIXED INCOME; CORP; 5.000% 05/30/2038 DD 05/30/18 No. of SHARES - 170,000	172,144	174,386
VERIZON COMMUNICATIONS INC	FIXED INCOME; CORP; 5.250% 03/16/2037 DD 03/16/17 No. of SHARES - 915,000	1,042,963	1,050,447
VERIZON COMMUNICATIONS INC	FIXED INCOME; CORP; 5.012% 04/15/2049 DD 02/03/17 No. of SHARES - 260,000	290,152	293,467
VERIZON COMMUNICATIONS INC	FIXED INCOME; CORP; 4.672% 03/15/2055 DD 03/13/15 No. of SHARES - 365,000	349,385	388,535
VERIZON COMMUNICATIONS INC	FIXED INCOME; CORP; 4.672% 03/15/2055 DD 03/13/15 No. of SHARES - 1,040,000	1,097,314	1,107,059
VERIZON COMMUNICATIONS INC	FIXED INCOME; CORP; 4.522% 09/15/2048 DD 03/13/15 No. of SHARES - 2,390,000	2,502,999	2,514,041
VERIZON COMMUNICATIONS INC	FIXED INCOME; CORP; 4.272% 01/15/2036 DD 07/15/15 No. of SHARES - 365,000	374,848	376,176

VERIZON COMMUNICATIONS INC	FIXED INCOME; CORP; 5.012% 08/21/2054 DD 02/21/15 No. of SHARES - 365,000	405,011	409,267
VERIZON COMMUNICATIONS INC	FIXED INCOME; CORP; 4.862% 08/21/2046 DD 02/21/15 No. of SHARES - 3,675,000	4,019,715	4,031,732
TELEFONICA EMISIONES SA	FIXED INCOME; CORP; 5.213% 03/08/2047 DD 03/08/17 No. of SHARES - 405,000	407,572	417,130
ROGERS COMMUNICATIONS INC	FIXED INCOME; CORP; 5.000% 03/15/2044 DD 03/10/14 No. of SHARES - 240,000	264,466	269,568
DEUTSCHE TELEKOM INTERNATIONAL	FIXED INCOME; CORP; VAR RT 06/15/2030 DD 07/06/00 No. of SHARES - 425,000	592,977	597,809
BRITISH TELECOMMUNICATIONS PLC	FIXED INCOME; CORP; 4.500% 12/04/2023 DD 12/04/18 No. of SHARES - 1,000,000	999,730	1,059,140
BELL CANADA INC	FIXED INCOME; CORP; 4.300% 07/29/2049 DD 05/13/19 No. of SHARES - 600,000	598,812	620,286
AMERICA MOVIL SAB DE CV	FIXED INCOME; CORP; 4.375% 04/22/2049 DD 04/22/19 No. of SHARES - 590,000	599,009	605,193
AMERICA MOVIL SAB DE CV	FIXED INCOME; CORP; 6.125% 03/30/2040 DD 03/30/10 No. of SHARES - 355,000	443,019	449,845
AT&T INC	FIXED INCOME; CORP; 4.850% 03/01/2039 DD 02/19/19 No. of SHARES - 120,000	120,935	122,988
AT&T INC	FIXED INCOME; CORP; 4.850% 03/01/2039 DD 02/19/19 No. of SHARES - 2,075,000	2,091,164	2,126,668
AT&T INC	FIXED INCOME; CORP; 5.150% 11/15/2046 DD 11/15/18 No. of SHARES - 360,000	370,800	375,246
AT&T INC	FIXED INCOME; CORP; 4.300% 02/15/2030 DD 08/15/18 No. of SHARES - 3,990,000	4,083,685	4,124,782
AT&T INC	FIXED INCOME; CORP; VAR RT 06/01/2021 DD 06/25/18 No. of SHARES - 900,000	900,000	905,517
AT&T INC	FIXED INCOME; CORP; 5.450% 03/01/2047 DD 02/09/17 No. of SHARES - 1,020,000	1,104,538	1,120,195
AT&T INC	FIXED INCOME; CORP; 5.250% 03/01/2037 DD 02/09/17 No. of SHARES - 175,000	186,949	187,773
AT&T INC	FIXED INCOME; CORP; 4.550% 03/09/2049 DD 09/07/16 No. of SHARES - 550,000	522,654	533,203
AT&T INC	FIXED INCOME; CORP; 4.500% 03/09/2048 DD 09/07/16 No. of SHARES - 645,000	610,357	619,903
AT&T INC	FIXED INCOME; CORP; 6.000% 08/15/2040 DD 02/15/16 No. of SHARES - 520,000	592,004	599,659
AT&T INC	FIXED INCOME; CORP; 4.750% 05/15/2046 DD 05/04/15 No. of SHARES - 845,000	827,534	840,691
AT&T INC	FIXED INCOME; CORP; 4.500% 05/15/2035 DD 05/04/15 No. of SHARES - 1,225,000	1,218,557	1,234,175
AT&T INC	FIXED INCOME; CORP; 4.800% 06/15/2044 DD 06/10/14 No. of SHARES - 640,000	635,840	639,994
AT&T INC	FIXED INCOME; CORP; 4.350% 06/15/2045 DD 06/15/13 No. of SHARES - 800,000	750,480	760,816

AMERICAN WATER CAPITAL CORP	FIXED INCOME; CORP; 4.150% 06/01/2049 DD 05/13/19 No. of SHARES - 2,100,000	2,091,113	2,159,997
AMERICAN WATER CAPITAL CORP	FIXED INCOME; CORP; 4.150% 06/01/2049 DD 05/13/19 No. of SHARES - 800,000	795,760	822,856
NISOURCE INC	FIXED INCOME; CORP; 4.375% 05/15/2047 DD 05/22/17 No. of SHARES - 565,000	572,599	582,735
DOMINION ENERGY GAS HOLDINGS L	FIXED INCOME; CORP; VAR RT 06/15/2021 DD 06/19/18 No. of SHARES - 1,000,000	1,000,000	1,004,460
VIRGINIA ELECTRIC & POWER CO	FIXED INCOME; CORP; 4.600% 12/01/2048 DD 11/28/18 No. of SHARES - 2,875,000	3,160,516	3,243,403
UNION ELECTRIC CO	FIXED INCOME; CORP; 3.900% 09/15/2042 DD 09/11/12 No. of SHARES - 550,000	560,428	570,680
SOUTHWESTERN ELECTRIC POWER CO	FIXED INCOME; CORP; 6.200% 03/15/2040 DD 03/08/10 No. of SHARES - 200,000	242,924	253,916
SOUTHERN CALIFORNIA EDISON CO	FIXED INCOME; CORP; 3.700% 08/01/2025 DD 08/02/18 No. of SHARES - 600,000	598,716	614,448
SOUTHERN CALIFORNIA EDISON CO	FIXED INCOME; CORP; 3.500% 10/01/2023 DD 10/02/13 No. of SHARES - 500,000	524,560	510,120
DOMINION ENERGY SOUTH CAROLINA	FIXED INCOME; CORP; 5.100% 06/01/2065 DD 05/22/15 No. of SHARES - 55,000	65,274	67,399
SEMPRA ENERGY	FIXED INCOME; CORP; 4.000% 02/01/2048 DD 01/12/18 No. of SHARES - 130,000	117,519	120,939
SEMPRA ENERGY	FIXED INCOME; CORP; 3.800% 02/01/2038 DD 01/12/18 No. of SHARES - 310,000	286,400	292,234
PUBLIC SERVICE CO OF COLORADO	FIXED INCOME; CORP; 3.950% 03/15/2043 DD 03/26/13 No. of SHARES - 440,000	432,815	449,328
PUBLIC SERVICE CO OF COLORADO	FIXED INCOME; CORP; 3.600% 09/15/2042 DD 09/11/12 No. of SHARES - 680,000	669,521	680,952
POTOMAC ELECTRIC POWER CO	FIXED INCOME; CORP; 4.150% 03/15/2043 DD 03/18/13 No. of SHARES - 360,000	372,071	381,244
PACIFICORP	FIXED INCOME; CORP; 6.000% 01/15/2039 DD 01/08/09 No. of SHARES - 635,000	811,251	835,444
PACIFIC GAS & ELECTRIC CO	FIXED INCOME; CORP; 3.500% 10/01/2020 DD 09/15/10 No. of SHARES - 700,000	656,875	652,750
PECO ENERGY CO	FIXED INCOME; CORP; 3.900% 03/01/2048 DD 02/23/18 No. of SHARES - 280,000	282,934	285,712
ONCOR ELECTRIC DELIVERY CO LLC	FIXED INCOME; CORP; 3.750% 04/01/2045 DD 10/01/15 No. of SHARES - 450,000	446,499	462,537
ONCOR ELECTRIC DELIVERY CO LLC	FIXED INCOME; CORP; 4.550% 12/01/2041 DD 06/01/12 No. of SHARES - 1,055,000	1,160,015	1,190,589
ONCOR ELECTRIC DELIVERY CO LLC	FIXED INCOME; CORP; 5.300% 06/01/2042 DD 05/18/12 No. of SHARES - 555,000	669,374	689,321
OGLETHORPE POWER CORP	FIXED INCOME; CORP; 5.375% 11/01/2040 DD 11/09/10 No. of SHARES - 960,000	1,106,544	1,141,843
OGLETHORPE POWER CORP	FIXED INCOME; CORP; 4.550% 06/01/2044 DD 06/12/14 No. of SHARES - 545,000	547,371	567,023

NORTHERN STATES POWER CO/ MN	FIXED INCOME; CORP; 3.400% 08/15/2042 DD 08/13/12 No. of SHARES - 135,000	127,468	130,571
NEXTERA ENERGY CAPITAL HOLDING	FIXED INCOME; CORP; 3.200% 02/25/2022 DD 02/27/19 No. of SHARES - 1,400,000	1,397,032	1,423,786
NEVADA POWER CO	FIXED INCOME; CORP; 5.450% 05/15/2041 DD 05/12/11 No. of SHARES - 185,000	214,139	220,946
MIDAMERICAN ENERGY CO	FIXED INCOME; CORP; 5.800% 10/15/2036 DD 10/06/06 No. of SHARES - 60,000	74,674	76,419
MIDAMERICAN ENERGY CO	FIXED INCOME; CORP; 4.250% 07/15/2049 DD 01/09/19 No. of SHARES - 60,000	63,835	65,602
MIDAMERICAN ENERGY CO	FIXED INCOME; CORP; 3.650% 08/01/2048 DD 02/01/18 No. of SHARES - 3,000,000	2,906,280	2,988,420
KENTUCKY UTILITIES CO	FIXED INCOME; CORP; 5.125% 11/01/2040 DD 05/01/11 No. of SHARES - 1,125,000	1,339,515	1,355,828
ITC HOLDINGS CORP	FIXED INCOME; CORP; 2.700% 11/15/2022 DD 05/15/18 No. of SHARES - 600,000	577,686	598,164
INDIANA MICHIGAN POWER CO	FIXED INCOME; CORP; 4.250% 08/15/2048 DD 08/08/18 No. of SHARES - 360,000	372,182	387,248
GEORGIA POWER CO	FIXED INCOME; CORP; 4.300% 03/15/2042 DD 03/06/12 No. of SHARES - 310,000	315,149	320,596
DUKE ENERGY FLORIDA LLC	FIXED INCOME; CORP; 6.400% 06/15/2038 DD 06/18/08 No. of SHARES - 170,000	228,652	234,909
DUKE ENERGY FLORIDA LLC	FIXED INCOME; CORP; 6.350% 09/15/2037 DD 09/18/07 No. of SHARES - 750,000	985,853	1,002,518
FLORIDA POWER & LIGHT CO	FIXED INCOME; CORP; 3.700% 12/01/2047 DD 11/16/17 No. of SHARES - 3,425,000	3,366,570	3,471,203
FLORIDA POWER & LIGHT CO	FIXED INCOME; CORP; 4.050% 06/01/2042 DD 05/15/12 No. of SHARES - 525,000	543,758	557,251
FLORIDA POWER & LIGHT CO	FIXED INCOME; CORP; 5.950% 02/01/2038 DD 01/16/08 No. of SHARES - 75,000	97,602	100,136
FIRSTENERGY CORP	FIXED INCOME; CORP; 4.850% 07/15/2047 DD 06/21/17 No. of SHARES - 220,000	234,964	240,132
EXELON CORP	FIXED INCOME; CORP; 4.450% 04/15/2046 DD 04/07/16 No. of SHARES - 215,000	218,444	223,516
EXELON GENERATION CO LLC	FIXED INCOME; CORP; 5.600% 06/15/2042 DD 12/15/12 No. of SHARES - 700,000	747,971	757,715
ENTERGY LOUISIANA LLC	FIXED INCOME; CORP; 4.200% 09/01/2048 DD 08/14/18 No. of SHARES - 300,000	299,433	321,324
ENTERGY LOUISIANA LLC	FIXED INCOME; CORP; 3.120% 09/01/2027 DD 05/23/17 No. of SHARES - 500,000	499,755	505,215
EMERA US FINANCE LP	FIXED INCOME; CORP; 4.750% 06/15/2046 DD 12/15/16 No. of SHARES - 355,000	363,811	370,059
DUKE ENERGY FLORIDA LLC	FIXED INCOME; CORP; 3.800% 07/15/2028 DD 06/21/18 No. of SHARES - 1,000,000	998,150	1,058,380
DUKE ENERGY INDIANA LLC	FIXED INCOME; CORP; 3.750% 05/15/2046 DD 05/12/16 No. of SHARES - 465,000	452,040	462,438

DUKE ENERGY PROGRESS LLC	FIXED INCOME; CORP; 3.600% 09/15/2047 DD 09/08/17 No. of SHARES - 2,190,000	2,063,528	2,119,460
DUKE ENERGY CAROLINAS LLC	FIXED INCOME; CORP; 4.250% 12/15/2041 DD 12/08/11 No. of SHARES - 120,000	124,985	128,309
DUKE ENERGY CAROLINAS LLC	FIXED INCOME; CORP; 6.000% 12/01/2028 DD 12/04/98 No. of SHARES - 120,000	144,184	146,837
DUKE ENERGY INDIANA LLC	FIXED INCOME; CORP; 6.450% 04/01/2039 DD 03/23/09 No. of SHARES - 100,000	135,002	139,002
DUKE ENERGY INDIANA LLC	FIXED INCOME; CORP; 6.350% 08/15/2038 DD 08/21/08 No. of SHARES - 715,000	952,823	968,832
CONSUMERS ENERGY CO	FIXED INCOME; CORP; 4.050% 05/15/2048 DD 05/14/18 No. of SHARES - 3,260,000	3,413,122	3,522,495
CONSOLIDATED EDISON CO OF NEW YORK	FIXED INCOME; CORP; 4.125% 05/15/2049 DD 05/09/19 No. of SHARES - 2,500,000	2,528,075	2,594,700
CONSOLIDATED EDISON CO OF NEW YORK	FIXED INCOME; CORP; 4.500% 05/15/2058 DD 05/10/18 No. of SHARES - 1,600,000	1,592,624	1,729,728
CONSOLIDATED EDISON CO OF NEW YORK	FIXED INCOME; CORP; 4.300% 12/01/2056 DD 11/16/16 No. of SHARES - 265,000	268,896	276,493
COMMONWEALTH EDISON CO	FIXED INCOME; CORP; 3.650% 06/15/2046 DD 06/27/16 No. of SHARES - 3,245,000	3,109,846	3,217,418
DUKE ENERGY PROGRESS LLC	FIXED INCOME; CORP; 4.100% 05/15/2042 DD 05/18/12 No. of SHARES - 230,000	235,538	241,153
BERKSHIRE HATHAWAY ENERGY CO	FIXED INCOME; CORP; 4.450% 01/15/2049 DD 07/25/18 No. of SHARES - 265,000	281,358	288,166
BERKSHIRE HATHAWAY ENERGY CO	FIXED INCOME; CORP; 3.800% 07/15/2048 DD 01/05/18 No. of SHARES - 2,415,000	2,328,615	2,368,246
AVANGRID INC	FIXED INCOME; CORP; 3.800% 06/01/2029 DD 05/16/19 No. of SHARES - 1,200,000	1,198,296	1,215,096
AMEREN ILLINOIS CO	FIXED INCOME; CORP; 3.700% 12/01/2047 DD 11/28/17 No. of SHARES - 240,000	239,328	242,870
ALABAMA POWER CO	FIXED INCOME; CORP; 3.750% 03/01/2045 DD 03/11/15 No. of SHARES - 135,000	131,197	136,238
AEP TEXAS INC	FIXED INCOME; CORP; 3.800% 10/01/2047 DD 09/22/17 No. of SHARES - 140,000	134,796	139,236
RASC SERIES 2007-KS4 TR KS4 A3	FIXED INCOME; CORP; VAR RT 05/25/2037 DD 04/27/07 No. of SHARES - 443,861	441,226	442,645
BOEING CO/THE	FIXED INCOME; CORP; 6.875% 03/15/2039 DD 03/13/09 No. of SHARES - 530,000	736,403	749,462
BOEING CO/THE	FIXED INCOME; CORP; 3.600% 05/01/2034 DD 05/02/19 No. of SHARES - 710,000	708,111	721,942
LOCKHEED MARTIN CORP	FIXED INCOME; CORP; 4.850% 09/15/2041 DD 09/09/11 No. of SHARES - 255,000	279,194	286,521
LOCKHEED MARTIN CORP	FIXED INCOME; CORP; 4.500% 05/15/2036 DD 11/23/15 No. of SHARES - 185,000	201,829	206,051
NORTHROP GRUMMAN CORP	FIXED INCOME; CORP; 4.750% 06/01/2043 DD 05/31/13 No. of SHARES - 670,000	727,895	748,859

NORTHROP GRUMMAN CORP	FIXED INCOME; CORP; 4.030% 10/15/2047 DD 10/13/17 No. of SHARES - 600,000	596,262	606,990
ROCKWELL COLLINS INC	FIXED INCOME; CORP; 3.500% 03/15/2027 DD 04/10/17 No. of SHARES - 100,000	99,549	101,090
UNITED TECHNOLOGIES CORP	FIXED INCOME; CORP; 5.700% 04/15/2040 DD 02/26/10 No. of SHARES - 835,000	992,331	1,012,930
UNITED TECHNOLOGIES CORP	FIXED INCOME; CORP; 4.500% 06/01/2042 DD 06/01/12 No. of SHARES - 1,115,000	1,166,669	1,181,599
UNITED TECHNOLOGIES CORP	FIXED INCOME; CORP; 4.450% 11/16/2038 DD 08/16/18 No. of SHARES - 220,000	231,618	236,632
UNITED TECHNOLOGIES CORP	FIXED INCOME; CORP; 4.625% 11/16/2048 DD 08/16/18 No. of SHARES - 95,000	101,779	103,314
UNITED TECHNOLOGIES CORP	FIXED INCOME; CORP; 4.125% 11/16/2028 DD 08/16/18 No. of SHARES - 375,000	394,504	398,018
APTIV PLC	FIXED INCOME; CORP; 4.350% 03/15/2029 DD 03/14/19 No. of SHARES - 200,000	199,758	206,884
APTIV PLC	FIXED INCOME; CORP; 5.400% 03/15/2049 DD 03/14/19 No. of SHARES - 900,000	896,022	932,148
DAIMLER FINANCE NORTH AMERICA	FIXED INCOME; CORP; 8.500% 01/18/2031 DD 01/18/01 No. of SHARES - 90,000	129,717	131,783
FORD MOTOR CO	FIXED INCOME; CORP; 7.400% 11/01/2046 DD 11/01/96 No. of SHARES - 380,000	413,011	410,548
GENERAL MOTORS CO	FIXED INCOME; CORP; 6.250% 10/02/2043 DD 04/02/14 No. of SHARES - 560,000	581,078	564,732
GENERAL MOTORS CO	FIXED INCOME; CORP; 6.600% 04/01/2036 DD 02/23/16 No. of SHARES - 360,000	387,608	378,360
GENERAL MOTORS CO	FIXED INCOME; CORP; 5.150% 04/01/2038 DD 08/07/17 No. of SHARES - 55,000	52,003	50,459
AERCAP IRELAND CAPITAL DAC / A	FIXED INCOME; CORP; 3.875% 01/23/2028 DD 01/23/18 No. of SHARES - 200,000	185,180	193,428
ALLY FINANCIAL INC	FIXED INCOME; CORP; 3.875% 05/21/2024 DD 05/21/19 No. of SHARES - 800,000	791,936	796,000
BGC PARTNERS INC	FIXED INCOME; CORP; 5.375% 07/24/2023 DD 07/24/18 No. of SHARES - 500,000	497,580	519,290
BANCO DE CREDITO E INVERS REGS	FIXED INCOME; CORP; 3.500% 10/12/2027 DD 10/12/17 No. of SHARES - 700,000	691,383	692,307
BANCO SANTANDER SA	FIXED INCOME; CORP; 4.379% 04/12/2028 DD 04/12/18 No. of SHARES - 500,000	500,000	512,375
BANK OF AMERICA NA	FIXED INCOME; CORP; 6.000% 10/15/2036 DD 10/26/06 No. of SHARES - 575,000	721,596	728,646
BANK OF AMERICA CORP	FIXED INCOME; CORP; 3.248% 10/21/2027 DD 10/21/16 No. of SHARES - 1,015,000	996,466	1,010,311
BANK OF AMERICA CORP	FIXED INCOME; CORP; VAR RT 01/20/2028 DD 01/20/17 No. of SHARES - 200,000	203,060	205,600
BANK OF AMERICA CORP	FIXED INCOME; CORP; VAR RT 01/20/2028 DD 01/20/17 No. of SHARES - 2,270,000	2,304,731	2,333,560

	BANK OF AMERICA CORP	FIXED INCOME; CORP; VAR RT 04/24/2028 DD 04/24/17 No. of SHARES - 1,810,000	1,822,218	1,845,404
	BANK OF AMERICA CORP	FIXED INCOME; CORP; VAR RT 12/20/2028 DD 12/20/17 No. of SHARES - 360,000	354,272	359,395
	BANK OF AMERICA CORP	FIXED INCOME; CORP; VAR RT 03/05/2029 DD 03/05/18 No. of SHARES - 285,000	291,247	294,912
	BANK OF AMERICA CORP	FIXED INCOME; CORP; VAR RT 07/23/2029 DD 07/23/18 No. of SHARES - 245,000	256,495	259,190
	BANK OF AMERICA CORP	FIXED INCOME; CORP; VAR RT 03/15/2050 DD 03/15/19 No. of SHARES - 845,000	880,144	893,072
	BANK OF AMERICA CORP	FIXED INCOME; CORP; VAR RT 04/23/2040 DD 04/23/19 No. of SHARES - 1,775,000	1,781,585	1,818,576
	BANK OF AMERICA CORP	FIXED INCOME; CORP; VAR RT 04/23/2040 DD 04/23/19 No. of SHARES - 1,075,000	1,078,988	1,101,391
*	BANK OF NEW YORK MELLON CORP	FIXED INCOME; CORP; 3.850% 04/28/2028 DD 04/30/18 No. of SHARES - 1,000,000	997,780	1,076,240
	BARCLAYS PLC	FIXED INCOME; CORP; 4.950% 01/10/2047 DD 01/10/17 No. of SHARES - 200,000	199,362	199,418
	BARCLAYS PLC	FIXED INCOME; CORP; VAR RT 02/15/2023 DD 11/15/18 No. of SHARES - 900,000	899,829	921,096
	BROOKFIELD FINANCE INC	FIXED INCOME; CORP; 4.700% 09/20/2047 DD 09/14/17 No. of SHARES - 500,000	496,095	507,645
	CAPITAL ONE FINANCIAL CORP	FIXED INCOME; CORP; 3.800% 01/31/2028 DD 01/30/18 No. of SHARES - 320,000	317,341	319,648
	CITIGROUP INC	FIXED INCOME; CORP; 6.625% 06/15/2032 DD 06/06/02 No. of SHARES - 185,000	228,923	230,960
	CITIGROUP INC	FIXED INCOME; CORP; 5.300% 05/06/2044 DD 05/06/14 No. of SHARES - 85,000	96,137	97,473
	CITIGROUP INC	FIXED INCOME; CORP; 4.450% 09/29/2027 DD 09/29/15 No. of SHARES - 565,000	586,402	590,832
	CITIGROUP INC	FIXED INCOME; CORP; 4.750% 05/18/2046 DD 05/18/16 No. of SHARES - 355,000	374,131	381,437
	CITIGROUP INC	FIXED INCOME; CORP; 3.200% 10/21/2026 DD 10/21/16 No. of SHARES - 200,000	185,910	199,040
	CITIGROUP INC	FIXED INCOME; CORP; VAR RT 01/10/2028 DD 01/10/17 No. of SHARES - 3,430,000	3,487,555	3,527,618
	CITIGROUP INC	FIXED INCOME; CORP; VAR RT 07/24/2023 DD 07/24/17 No. of SHARES - 300,000	295,167	300,855
	CITIGROUP INC	FIXED INCOME; CORP; VAR RT 07/24/2028 DD 07/24/17 No. of SHARES - 160,000	160,141	162,149
	CITIGROUP INC	FIXED INCOME; CORP; VAR RT 10/27/2028 DD 10/27/17 No. of SHARES - 415,000	410,124	414,900
	CITIGROUP INC	FIXED INCOME; CORP; VAR RT 01/24/2039 DD 01/24/18 No. of SHARES - 520,000	508,768	516,542
	CITIGROUP INC	FIXED INCOME; CORP; VAR RT 03/20/2030 DD 03/20/19 No. of SHARES - 220,000	224,508	227,647

CITIBANK NA	FIXED INCOME; CORP; VAR RT 07/23/2021 DD 07/23/18 No. of SHARES - 500,000	500,000	502,020
DEUTSCHE BANK AG/NEW YORK NY	FIXED INCOME; CORP; 3.950% 02/27/2023 DD 02/27/18 No. of SHARES - 100,000	98,191	98,666
DISCOVER FINANCIAL SERVICES	FIXED INCOME; CORP; 4.100% 02/09/2027 DD 02/09/17 No. of SHARES - 900,000	869,661	909,558
FORD MOTOR CREDIT CO LLC	FIXED INCOME; CORP; 3.664% 09/08/2024 DD 09/08/14 No. of SHARES - 4,035,000	3,872,268	3,856,855
FORD MOTOR CREDIT CO LLC	FIXED INCOME; CORP; 5.113% 05/03/2029 DD 05/03/19 No. of SHARES - 1,270,000	1,247,978	1,246,683
GE CAPITAL INTERNATIONAL	FIXED INCOME; CORP; 4.418% 11/15/2035 DD 05/15/16 No. of SHARES - 2,680,000	2,533,699	2,542,275
GE CAPITAL INTERNATIONAL	FIXED INCOME; CORP; 4.418% 11/15/2035 DD 05/15/16 No. of SHARES - 6,465,000	6,112,076	6,132,764
GENERAL MOTORS FINANCIAL CO	FIXED INCOME; CORP; 5.250% 03/01/2026 DD 03/01/16 No. of SHARES - 3,285,000	3,443,698	3,440,282
GOLDMAN SACHS GROUP INC/ THE	FIXED INCOME; CORP; 4.800% 07/08/2044 DD 07/08/14 No. of SHARES - 1,035,000	1,114,799	1,134,598
GOLDMAN SACHS GROUP INC/ THE	FIXED INCOME; CORP; 4.750% 10/21/2045 DD 10/21/15 No. of SHARES - 2,720,000	2,924,517	2,962,950
GOLDMAN SACHS GROUP INC/ THE	FIXED INCOME; CORP; VAR RT 09/29/2025 DD 09/29/17 No. of SHARES - 1,990,000	1,973,941	1,988,289
GOLDMAN SACHS GROUP INC/ THE	FIXED INCOME; CORP; VAR RT 05/01/2029 DD 04/23/18 No. of SHARES - 35,000	36,028	36,372
GOLDMAN SACHS GROUP INC/ THE	FIXED INCOME; CORP; VAR RT 04/23/2039 DD 04/23/18 No. of SHARES - 130,000	132,968	134,263
GOLDMAN SACHS GROUP INC/ THE	FIXED INCOME; CORP; 5.150% 05/22/2045 DD 05/22/15 No. of SHARES - 900,000	967,788	980,091
GOLDMAN SACHS GROUP INC/ THE	FIXED INCOME; CORP; VAR RT 10/31/2038 DD 10/31/17 No. of SHARES - 700,000	680,162	691,103
HSBC HOLDINGS PLC	FIXED INCOME; CORP; VAR RT 09/12/2026 DD 09/12/18 No. of SHARES - 200,000	200,000	199,478
HSBC BANK USA NA/NEW YORK NY	FIXED INCOME; CORP; 5.625% 08/15/2035 DD 08/17/05 No. of SHARES - 625,000	724,656	722,325
HSBC BANK USA NA	FIXED INCOME; CORP; 7.000% 01/15/2039 DD 06/18/08 No. of SHARES - 310,000	417,787	423,311
INTERCONTINENTAL EXCHANGE INC	FIXED INCOME; CORP; 2.350% 09/15/2022 DD 08/17/17 No. of SHARES - 700,000	698,397	693,876
JPMORGAN CHASE & CO	FIXED INCOME; CORP; 5.500% 10/15/2040 DD 10/21/10 No. of SHARES - 155,000	186,935	191,096
JPMORGAN CHASE & CO	FIXED INCOME; CORP; 3.625% 12/01/2027 DD 11/16/16 No. of SHARES - 320,000	319,958	322,819
JPMORGAN CHASE & CO	FIXED INCOME; CORP; VAR RT 02/01/2028 DD 02/01/17 No. of SHARES - 715,000	728,335	737,523
JPMORGAN CHASE & CO	FIXED INCOME; CORP; VAR RT 02/22/2048 DD 02/22/17 No. of SHARES - 255,000	263,509	270,346

JPMORGAN CHASE & CO	FIXED INCOME; CORP; VAR RT 07/24/2038 DD 07/24/17 No. of SHARES - 50,000	49,235	50,335
JPMORGAN CHASE & CO	FIXED INCOME; CORP; VAR RT 07/24/2048 DD 07/24/17 No. of SHARES - 3,500,000	3,488,030	3,578,820
JPMORGAN CHASE & CO	FIXED INCOME; CORP; VAR RT 07/24/2048 DD 07/24/17 No. of SHARES - 315,000	313,923	322,094
JPMORGAN CHASE & CO	FIXED INCOME; CORP; VAR RT 11/15/2048 DD 11/10/17 No. of SHARES - 1,230,000	1,208,143	1,242,558
JPMORGAN CHASE & CO	FIXED INCOME; CORP; VAR RT 01/23/2049 DD 01/23/18 No. of SHARES - 395,000	385,694	396,003
JPMORGAN CHASE & CO	FIXED INCOME; CORP; VAR RT 06/18/2022 DD 06/18/18 No. of SHARES - 800,000	800,000	800,648
JPMORGAN CHASE & CO	FIXED INCOME; CORP; VAR RT 07/23/2024 DD 07/23/18 No. of SHARES - 800,000	800,000	800,632
JPMORGAN CHASE & CO	FIXED INCOME; CORP; VAR RT 05/06/2030 DD 05/06/19 No. of SHARES - 2,635,000	2,655,474	2,694,656
JPMORGAN CHASE & CO	FIXED INCOME; CORP; 5.400% 01/06/2042 DD 12/22/11 No. of SHARES - 360,000	431,762	439,196
LLOYDS BANKING GROUP PLC	FIXED INCOME; CORP; 4.550% 08/16/2028 DD 08/16/18 No. of SHARES - 400,000	398,792	416,268
LLOYDS BANKING GROUP PLC	FIXED INCOME; CORP; VAR RT 06/21/2021 DD 06/21/18 No. of SHARES - 1,000,000	1,000,000	1,001,370
MASTERCARD INC	FIXED INCOME; CORP; 3.650% 06/01/2049 DD 05/31/19 No. of SHARES - 2,150,000	2,146,883	2,184,142
MITSUBISHI UFJ FINANCIAL GROUP	FIXED INCOME; CORP; VAR RT 07/26/2023 DD 07/26/18 No. of SHARES - 1,400,000	1,403,486	1,404,130
MITSUBISHI UFJ FINANCIAL GROUP	FIXED INCOME; CORP; 4.153% 03/07/2039 DD 03/07/19 No. of SHARES - 500,000	500,000	535,195
MITSUBISHI UFJ FINANCIAL GROUP	FIXED INCOME; CORP; 4.153% 03/07/2039 DD 03/07/19 No. of SHARES - 280,000	293,821	299,709
MIZUHO FINANCIAL GROUP INC	FIXED INCOME; CORP; VAR RT 09/11/2024 DD 09/11/18 No. of SHARES - 600,000	600,000	605,418
MORGAN STANLEY	FIXED INCOME; CORP; VAR RT 01/23/2030 DD 01/23/19 No. of SHARES - 1,200,000	1,269,684	1,288,176
MORGAN STANLEY	FIXED INCOME; CORP; VAR RT 07/22/2028 DD 07/24/17 No. of SHARES - 5,000	4,998	5,041
MORGAN STANLEY	FIXED INCOME; CORP; VAR RT 07/22/2038 DD 07/24/17 No. of SHARES - 395,000	390,043	395,126
MORGAN STANLEY	FIXED INCOME; CORP; 3.625% 01/20/2027 DD 01/20/17 No. of SHARES - 1,515,000	1,527,953	1,542,422
MORGAN STANLEY	FIXED INCOME; CORP; 4.375% 01/22/2047 DD 01/20/17 No. of SHARES - 1,670,000	1,740,624	1,779,886
MORGAN STANLEY	FIXED INCOME; CORP; 4.300% 01/27/2045 DD 01/27/15 No. of SHARES - 295,000	303,962	310,234
MORGAN STANLEY	FIXED INCOME; CORP; 6.375% 07/24/2042 DD 07/24/12 No. of SHARES - 385,000	509,078	512,916

ORIX CORP	FIXED INCOME; CORP; 4.050% 01/16/2024 DD 01/16/19 No. of SHARES - 1,100,000	1,099,065	1,158,762
ROYAL BANK OF SCOTLAND GROUP	FIXED INCOME; CORP; VAR RT 06/25/2024 DD 06/25/18 No. of SHARES - 600,000	600,000	591,516
SANTANDER UK PLC	FIXED INCOME; CORP; 3.750% 11/15/2021 DD 11/15/18 No. of SHARES - 900,000	897,552	920,781
SUMITOMO MITSUI FINANCIAL GROUP	FIXED INCOME; CORP; 3.102% 01/17/2023 DD 01/17/18 No. of SHARES - 800,000	800,000	811,544
SUMITOMO MITSUI FINANCIAL GROUP	FIXED INCOME; CORP; VAR RT 10/16/2023 DD 10/16/18 No. of SHARES - 1,200,000	1,200,000	1,200,960
VISA INC	FIXED INCOME; CORP; 4.300% 12/14/2045 DD 12/14/15 No. of SHARES - 795,000	867,679	901,458
WELLS FARGO & CO	FIXED INCOME; CORP; 5.606% 01/15/2044 DD 11/26/13 No. of SHARES - 230,000	269,256	273,472
WELLS FARGO & CO	FIXED INCOME; CORP; 4.650% 11/04/2044 DD 11/04/14 No. of SHARES - 500,000	521,335	532,440
WELLS FARGO & CO	FIXED INCOME; CORP; 4.900% 11/17/2045 DD 11/17/15 No. of SHARES - 350,000	378,445	385,553
WELLS FARGO & CO	FIXED INCOME; CORP; 4.400% 06/14/2046 DD 06/14/16 No. of SHARES - 880,000	890,067	907,729
WELLS FARGO & CO	FIXED INCOME; CORP; 4.750% 12/07/2046 DD 12/08/16 No. of SHARES - 840,000	891,467	911,022
WELLS FARGO BANK NA	FIXED INCOME; CORP; VAR RT 07/23/2021 DD 07/23/18 No. of SHARES - 500,000	500,000	500,630
WELLS FARGO BANK NA	FIXED INCOME; CORP; 3.550% 08/14/2023 DD 08/14/18 No. of SHARES - 300,000	300,006	308,904
WELLS FARGO BANK NA	FIXED INCOME; CORP; VAR RT 03/25/2020 DD 09/25/18 No. of SHARES - 800,000	800,000	800,984
WELLS FARGO & CO	FIXED INCOME; CORP; 4.150% 01/24/2029 DD 01/24/19 No. of SHARES - 270,000	281,459	284,791
LLOYDS BANK PLC REGS	FIXED INCOME; CORP; STEP 04/02/2032 No. of SHARES - 200,000	153,000	156,880
BARCLAYS PLC	FIXED INCOME; CORP; VAR RT 12/31/2049 DD 08/14/18 No. of SHARES - 700,000	700,000	701,750
EATON CORP	FIXED INCOME; CORP; 4.000% 11/02/2032 DD 11/02/13 No. of SHARES - 750,000	790,013	808,658
WABTEC CORP	FIXED INCOME; CORP; VAR RT 09/15/2021 DD 09/14/18 No. of SHARES - 900,000	900,000	899,991
LLOYDS BANK CORPORATE MARKETS	FIXED INCOME; CORP; VAR RT 10/26/2020 DD 10/09/18 No. of SHARES - 300,000	300,000	300,900
BRASKEM FINANCE LTD	FIXED INCOME; CORP; 6.450% 02/03/2024 DD 02/03/14 No. of SHARES - 200,000	210,700	215,250
DUPONT DE NEMOURS INC	FIXED INCOME; CORP; 5.319% 11/15/2038 DD 11/28/18 No. of SHARES - 100,000	111,671	113,612
DUPONT DE NEMOURS INC	FIXED INCOME; CORP; 5.419% 11/15/2048 DD 11/28/18 No. of SHARES - 940,000	1,055,507	1,064,954

MOSAIC CO/THE	FIXED INCOME; CORP; 5.625% 11/15/2043 DD 11/13/13 No. of SHARES - 900,000	930,627	939,771
NUTRIEN LTD	FIXED INCOME; CORP; 5.000% 04/01/2049 DD 04/01/19 No. of SHARES - 160,000	165,526	167,526
WESTLAKE CHEMICAL CORP	FIXED INCOME; CORP; 4.375% 11/15/2047 DD 11/28/17 No. of SHARES - 2,780,000	2,464,692	2,482,623
BRASKEM NETHERLANDS FINAN REGS	FIXED INCOME; CORP; 4.500% 01/10/2028 DD 10/10/17 No. of SHARES - 900,000	890,955	873,000
GS MORTGAGE SECURITIES GS3 AAB	FIXED INCOME; CORP; 2.777% 10/10/2049 DD 09/01/16 No. of SHARES - 1,200,000	1,235,991	1,212,408
JP MORGAN CHASE COMMER JP4 ASB	FIXED INCOME; CORP; VAR RT 12/15/2049 DD 12/01/16 No. of SHARES - 2,600,000	2,677,990	2,705,508
MORGAN STANLEY BANK OF C30 ASB	FIXED INCOME; CORP; 2.729% 09/15/2049 DD 09/01/16 No. of SHARES - 400,000	411,990	402,444
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	FIXED INCOME; CORP; 5.600% 07/01/2111 DD 05/18/11 No. of SHARES - 275,000	393,962	405,710
MOODY'S CORP	FIXED INCOME; CORP; 2.625% 01/15/2023 DD 01/15/18 No. of SHARES - 800,000	798,128	795,808
RELX CAPITAL INC	FIXED INCOME; CORP; 4.000% 03/18/2029 DD 03/18/19 No. of SHARES - 700,000	691,873	725,256
LELAND STANFORD JUNIOR UNIVERS	FIXED INCOME; CORP; 3.647% 05/01/2048 DD 04/11/17 No. of SHARES - 2,705,000	2,788,341	2,871,763
UNIVERSITY OF SOUTHERN CALIFORNIA	FIXED INCOME; CORP; 3.841% 10/01/2047 DD 04/18/17 No. of SHARES - 500,000	536,035	550,370
PELABUHAN INDONESIA III P REGS	FIXED INCOME; CORP; 4.500% 05/02/2023 DD 05/02/18 No. of SHARES - 600,000	593,394	617,100
UNION PACIFIC CORP	FIXED INCOME; CORP; 4.300% 03/01/2049 DD 02/19/19 No. of SHARES - 405,000	417,490	429,377
UNION PACIFIC CORP	FIXED INCOME; CORP; 4.500% 09/10/2048 DD 06/08/18 No. of SHARES - 440,000	467,443	477,378
UNION PACIFIC CORP	FIXED INCOME; CORP; 4.375% 09/10/2038 DD 06/08/18 No. of SHARES - 305,000	319,500	325,228
UNION PACIFIC CORP	FIXED INCOME; CORP; 4.375% 09/10/2038 DD 06/08/18 No. of SHARES - 2,010,000	2,105,555	2,143,303
AMAZON.COM INC	FIXED INCOME; CORP; 3.875% 08/22/2037 DD 02/22/18 No. of SHARES - 435,000	452,113	464,023
AMAZON.COM INC	FIXED INCOME; CORP; 4.050% 08/22/2047 DD 02/22/18 No. of SHARES - 3,265,000	3,432,788	3,543,668
AMAZON.COM INC	FIXED INCOME; CORP; 4.050% 08/22/2047 DD 02/22/18 No. of SHARES - 500,000	525,695	542,675
CHARTER COMMUNICATIONS	FIXED INCOME; CORP; 6.384% 10/23/2035 DD 10/23/16 No. of SHARES - 1,155,000	1,276,887	1,293,381
CHARTER COMMUNICATIONS	FIXED INCOME; CORP; 5.375% 04/01/2038 DD 04/17/18 No. of SHARES - 200,000	197,692	204,620
CHARTER COMMUNICATIONS	FIXED INCOME; CORP; 5.750% 04/01/2048 DD 04/17/18 No. of SHARES - 300,000	299,118	315,477

CHARTER COMMUNICATIONS	FIXED INCOME; CORP; 5.750% 04/01/2048 DD 04/17/18 No. of SHARES - 3,220,000	3,313,135	3,386,120
CHARTER COMMUNICATIONS	FIXED INCOME; CORP; 5.750% 04/01/2048 DD 04/17/18 No. of SHARES - 490,000	502,603	515,279
CHARTER COMMUNICATIONS	FIXED INCOME; CORP; VAR RT 02/01/2024 DD 07/03/18 No. of SHARES - 1,200,000	1,200,000	1,204,488
COMCAST CORP	FIXED INCOME; CORP; 5.650% 06/15/2035 DD 06/09/05 No. of SHARES - 155,000	183,652	187,361
COMCAST CORP	FIXED INCOME; CORP; 6.400% 05/15/2038 DD 05/07/08 No. of SHARES - 80,000	102,921	105,568
COMCAST CORP	FIXED INCOME; CORP; 4.250% 01/15/2033 DD 01/14/13 No. of SHARES - 320,000	339,402	345,158
COMCAST CORP	FIXED INCOME; CORP; 4.200% 08/15/2034 DD 08/12/14 No. of SHARES - 655,000	689,473	699,219
COMCAST CORP	FIXED INCOME; CORP; 4.600% 08/15/2045 DD 05/27/15 No. of SHARES - 360,000	383,022	388,642
COMCAST CORP	FIXED INCOME; CORP; 3.969% 11/01/2047 DD 10/19/17 No. of SHARES - 305,000	296,128	301,666
COMCAST CORP	FIXED INCOME; CORP; 3.900% 03/01/2038 DD 02/08/18 No. of SHARES - 175,000	173,598	178,304
COMCAST CORP	FIXED INCOME; CORP; 4.600% 10/15/2038 DD 10/05/18 No. of SHARES - 310,000	334,273	338,663
COMCAST CORP	FIXED INCOME; CORP; 4.700% 10/15/2048 DD 10/05/18 No. of SHARES - 2,020,000	2,193,175	2,245,392
COMCAST CORP	FIXED INCOME; CORP; 4.700% 10/15/2048 DD 10/05/18 No. of SHARES - 5,450,000	5,917,229	6,058,111
COMCAST CORP	FIXED INCOME; CORP; 4.950% 10/15/2058 DD 10/05/18 No. of SHARES - 335,000	375,401	384,349
TWDC ENTERPRISES 18 CORP	FIXED INCOME; CORP; 4.125% 06/01/2044 DD 06/02/14 No. of SHARES - 2,350,000	2,481,647	2,563,075
DISCOVERY COMMUNICATIONS LLC	FIXED INCOME; CORP; 5.000% 09/20/2037 DD 09/21/17 No. of SHARES - 285,000	279,548	285,581
DISCOVERY COMMUNICATIONS LLC	FIXED INCOME; CORP; 5.200% 09/20/2047 DD 09/21/17 No. of SHARES - 315,000	308,596	315,469
DISCOVERY COMMUNICATIONS LLC	FIXED INCOME; CORP; 4.125% 05/15/2029 DD 05/21/19 No. of SHARES - 1,200,000	1,197,960	1,209,300
EBAY INC	FIXED INCOME; CORP; 2.750% 01/30/2023 DD 06/06/17 No. of SHARES - 700,000	699,685	698,187
NBCUNIVERSAL MEDIA LLC	FIXED INCOME; CORP; 4.450% 01/15/2043 DD 10/05/12 No. of SHARES - 295,000	305,195	309,983
TIME WARNER CABLE LLC	FIXED INCOME; CORP; 6.750% 06/15/2039 DD 06/29/09 No. of SHARES - 345,000	381,487	388,898
TIME WARNER CABLE LLC	FIXED INCOME; CORP; 5.875% 11/15/2040 DD 11/15/10 No. of SHARES - 240,000	243,410	248,023
TIME WARNER CABLE LLC	FIXED INCOME; CORP; 4.500% 09/15/2042 DD 08/10/12 No. of SHARES - 285,000	248,899	252,356

VIACOM INC	FIXED INCOME; CORP; 6.875% 04/30/2036 DD 04/12/06 No. of SHARES - 165,000	194,957	198,977
VIACOM INC	FIXED INCOME; CORP; 4.375% 03/15/2043 DD 03/15/13 No. of SHARES - 135,000	121,472	125,519
VIACOM INC	FIXED INCOME; CORP; 5.850% 09/01/2043 DD 08/19/13 No. of SHARES - 1,420,000	1,548,091	1,592,360
UNION PACIFIC CORP	FIXED INCOME; CORP; 3.799% 10/01/2051 DD 10/04/16 No. of SHARES - 720,000	670,529	683,381
NORFOLK SOUTHERN CORP	FIXED INCOME; CORP; 5.100% 08/01/2019 DD 08/02/18 No. of SHARES - 495,000	518,556	526,705
NORFOLK SOUTHERN CORP	FIXED INCOME; CORP; 3.942% 11/01/2047 DD 05/01/18 No. of SHARES - 100,000	97,372	99,148
NORFOLK SOUTHERN CORP	FIXED INCOME; CORP; 4.050% 08/15/2052 DD 02/15/18 No. of SHARES - 945,000	923,530	943,592
NORFOLK SOUTHERN CORP	FIXED INCOME; CORP; 4.050% 08/15/2052 DD 02/15/18 No. of SHARES - 165,000	149,865	164,754
KANSAS CITY SOUTHERN	FIXED INCOME; CORP; 4.950% 08/15/2045 DD 02/15/16 No. of SHARES - 200,000	217,496	222,032
KANSAS CITY SOUTHERN	FIXED INCOME; CORP; 4.300% 05/15/2043 DD 05/15/16 No. of SHARES - 600,000	595,626	604,110
FEDEX CORP	FIXED INCOME; CORP; 4.950% 10/17/2048 DD 10/17/18 No. of SHARES - 310,000	317,648	322,338
FEDEX CORP	FIXED INCOME; CORP; 4.050% 02/15/2048 DD 01/31/18 No. of SHARES - 205,000	183,963	187,409
FEDEX CORP	FIXED INCOME; CORP; 4.400% 01/15/2047 DD 01/06/17 No. of SHARES - 105,000	98,766	101,073
FEDEX CORP	FIXED INCOME; CORP; 5.100% 01/15/2044 DD 01/09/14 No. of SHARES - 210,000	219,297	222,506
ALTRIA GROUP INC	FIXED INCOME; CORP; 3.875% 09/16/2046 DD 09/16/16 No. of SHARES - 50,000	41,780	42,163
ALTRIA GROUP INC	FIXED INCOME; CORP; 5.800% 02/14/2039 DD 02/14/19 No. of SHARES - 55,000	59,030	59,572
ALTRIA GROUP INC	FIXED INCOME; CORP; 5.950% 02/14/2049 DD 02/14/19 No. of SHARES - 755,000	821,976	824,747
ANHEUSER-BUSCH COS LLC	FIXED INCOME; CORP; 4.900% 02/01/2046 DD 02/01/19 No. of SHARES - 2,120,000	2,167,933	2,193,437
ANHEUSER-BUSCH INBEV WORLDWIDE	FIXED INCOME; CORP; 4.439% 10/06/2048 DD 04/06/17 No. of SHARES - 3,120,000	2,981,659	3,048,926
ANHEUSER-BUSCH INBEV WORLDWIDE	FIXED INCOME; CORP; 5.450% 01/23/2039 DD 01/23/19 No. of SHARES - 1,190,000	1,312,665	1,327,528
ANHEUSER-BUSCH INBEV WORLDWIDE	FIXED INCOME; CORP; 5.550% 01/23/2049 DD 01/23/19 No. of SHARES - 1,050,000	1,171,716	1,187,351
ANHEUSER-BUSCH INBEV WORLDWIDE	FIXED INCOME; CORP; 5.800% 01/23/2059 DD 01/23/19 No. of SHARES - 1,075,000	1,231,606	1,247,527
ANHEUSER-BUSCH INBEV WORLDWIDE	FIXED INCOME; CORP; 5.800% 01/23/2059 DD 01/23/19 No. of SHARES - 500,000	498,225	580,245

ANHEUSER-BUSCH INBEV WORLDWIDE	FIXED INCOME; CORP; 4.375% 04/15/2038 DD 04/04/18 No. of SHARES - 595,000	583,624	589,972
ANHEUSER-BUSCH INBEV WORLDWIDE	FIXED INCOME; CORP; 4.600% 04/15/2048 DD 04/04/18 No. of SHARES - 1,800,000	1,771,956	1,788,120
ANHEUSER-BUSCH INBEV WORLDWIDE	FIXED INCOME; CORP; 4.600% 04/15/2048 DD 04/04/18 No. of SHARES - 915,000	900,744	908,961
ANHEUSER-BUSCH INBEV WORLDWIDE	FIXED INCOME; CORP; 4.900% 01/23/2031 DD 01/23/19 No. of SHARES - 700,000	697,487	775,152
BAT CAPITAL CORP	FIXED INCOME; CORP; 4.390% 08/15/2037 DD 08/15/18 No. of SHARES - 1,770,000	1,605,001	1,612,328
BAT CAPITAL CORP	FIXED INCOME; CORP; 4.540% 08/15/2047 DD 08/15/18 No. of SHARES - 310,000	276,288	278,451
CONSTELLATION BRANDS INC	FIXED INCOME; CORP; 4.500% 05/09/2047 DD 05/09/17 No. of SHARES - 195,000	190,827	196,334
CONSTELLATION BRANDS INC	FIXED INCOME; CORP; 4.100% 02/15/2048 DD 02/07/18 No. of SHARES - 405,000	373,596	383,669
CONSTELLATION BRANDS INC	FIXED INCOME; CORP; 4.650% 11/15/2028 DD 10/29/18 No. of SHARES - 120,000	128,846	128,998
CONSTELLATION BRANDS INC	FIXED INCOME; CORP; 5.250% 11/15/2048 DD 10/29/18 No. of SHARES - 110,000	120,366	120,965
DIAGEO CAPITAL PLC	FIXED INCOME; CORP; 3.875% 04/29/2043 DD 04/29/13 No. of SHARES - 335,000	338,909	346,316
PEPSICO INC	FIXED INCOME; CORP; 3.600% 08/13/2042 DD 08/13/12 No. of SHARES - 555,000	545,876	560,372
PHILIP MORRIS INTERNATIONAL IN	FIXED INCOME; CORP; 3.875% 08/21/2042 DD 08/21/12 No. of SHARES - 105,000	98,995	100,404
PHILIP MORRIS INTERNATIONAL IN	FIXED INCOME; CORP; 4.125% 03/04/2043 DD 03/04/13 No. of SHARES - 320,000	310,976	317,514
PHILIP MORRIS INTERNATIONAL IN	FIXED INCOME; CORP; 4.875% 11/15/2043 DD 11/12/13 No. of SHARES - 715,000	774,738	782,568
REYNOLDS AMERICAN INC	FIXED INCOME; CORP; 6.150% 09/15/2043 DD 09/17/13 No. of SHARES - 245,000	261,520	269,649
REYNOLDS AMERICAN INC	FIXED INCOME; CORP; 5.850% 08/15/2045 DD 06/12/15 No. of SHARES - 575,000	593,808	594,493
CAMPBELL SOUP CO	FIXED INCOME; CORP; 4.800% 03/15/2048 DD 03/16/18 No. of SHARES - 280,000	263,500	270,329
KRAFT HEINZ FOODS CO	FIXED INCOME; CORP; 6.500% 02/09/2040 DD 08/09/12 No. of SHARES - 285,000	314,133	321,121
KRAFT HEINZ FOODS CO	FIXED INCOME; CORP; 6.875% 01/26/2039 DD 07/26/12 No. of SHARES - 200,000	236,696	230,888
KRAFT HEINZ FOODS CO	FIXED INCOME; CORP; 4.375% 06/01/2046 DD 05/24/16 No. of SHARES - 740,000	650,060	649,291
KRAFT HEINZ FOODS CO	FIXED INCOME; CORP; 5.000% 07/15/2035 DD 07/15/16 No. of SHARES - 640,000	638,144	639,859
KRAFT HEINZ FOODS CO	FIXED INCOME; CORP; 5.200% 07/15/2045 DD 07/15/16 No. of SHARES - 50,000	48,717	49,099

KRAFT HEINZ FOODS CO	FIXED INCOME; CORP; 4.625% 01/30/2029 DD 06/15/18 No. of SHARES - 500,000	497,055	524,635
KROGER CO/THE	FIXED INCOME; CORP; 5.400% 01/15/2049 DD 01/14/19 No. of SHARES - 410,000	427,794	436,724
TYSON FOODS INC	FIXED INCOME; CORP; 5.100% 09/28/2048 DD 09/28/18 No. of SHARES - 290,000	305,860	307,133
ABBOTT LABORATORIES	FIXED INCOME; CORP; 3.750% 11/30/2026 DD 11/22/16 No. of SHARES - 160,000	167,098	168,878
ABBOTT LABORATORIES	FIXED INCOME; CORP; 4.750% 11/30/2036 DD 11/22/16 No. of SHARES - 255,000	283,965	289,619
ABBOTT LABORATORIES	FIXED INCOME; CORP; 4.900% 11/30/2046 DD 11/22/16 No. of SHARES - 1,020,000	1,165,993	1,198,000
ABBOTT LABORATORIES	FIXED INCOME; CORP; 4.900% 11/30/2046 DD 11/22/16 No. of SHARES - 3,655,000	4,178,140	4,292,834
ABBVIE INC	FIXED INCOME; CORP; 4.500% 05/14/2035 DD 05/14/15 No. of SHARES - 1,320,000	1,301,626	1,317,439
ABBVIE INC	FIXED INCOME; CORP; 4.700% 05/14/2045 DD 05/14/15 No. of SHARES - 285,000	272,568	277,983
ABBVIE INC	FIXED INCOME; CORP; 4.450% 05/14/2046 DD 05/12/16 No. of SHARES - 170,000	157,010	160,036
ABBVIE INC	FIXED INCOME; CORP; 4.875% 11/14/2048 DD 09/18/18 No. of SHARES - 240,000	235,404	241,145
ABBVIE INC	FIXED INCOME; CORP; 4.250% 11/14/2028 DD 09/18/18 No. of SHARES - 220,000	224,985	227,909
AMGEN INC	FIXED INCOME; CORP; 4.400% 05/01/2045 DD 05/01/15 No. of SHARES - 255,000	249,227	254,939
AMGEN INC	FIXED INCOME; CORP; 4.663% 06/15/2051 DD 12/15/16 No. of SHARES - 650,000	657,176	672,477
AMGEN INC	FIXED INCOME; CORP; 4.663% 06/15/2051 DD 12/15/16 No. of SHARES - 100,000	98,164	103,458
ANTHEM INC	FIXED INCOME; CORP; 4.375% 12/01/2047 DD 11/21/17 No. of SHARES - 210,000	204,811	209,742
ANTHEM INC	FIXED INCOME; CORP; 4.550% 03/01/2048 DD 03/02/18 No. of SHARES - 745,000	741,491	761,897
ASCENSION HEALTH	FIXED INCOME; CORP; 3.945% 11/15/2046 DD 05/11/16 No. of SHARES - 900,000	884,115	963,540
ASTRAZENECA PLC	FIXED INCOME; CORP; 4.000% 01/17/2029 DD 08/17/18 No. of SHARES - 295,000	307,815	312,207
ASTRAZENECA PLC	FIXED INCOME; CORP; 4.375% 08/17/2048 DD 08/17/18 No. of SHARES - 235,000	241,916	246,936
BECTON DICKINSON AND CO	FIXED INCOME; CORP; 3.700% 06/06/2027 DD 06/06/17 No. of SHARES - 193,000	193,807	197,551
BECTON DICKINSON AND CO	FIXED INCOME; CORP; 4.669% 06/06/2047 DD 06/06/17 No. of SHARES - 275,000	284,622	295,378
BOSTON SCIENTIFIC CORP	FIXED INCOME; CORP; 4.550% 03/01/2039 DD 02/25/19 No. of SHARES - 435,000	455,354	466,742

BOSTON SCIENTIFIC CORP	FIXED INCOME; CORP; 4.700% 03/01/2049 DD 02/25/19 No. of SHARES - 340,000	359,434	371,627
BOSTON SCIENTIFIC CORP	FIXED INCOME; CORP; 4.000% 03/01/2029 DD 02/25/19 No. of SHARES - 145,000	150,311	152,685
CVS HEALTH CORP	FIXED INCOME; CORP; 5.125% 07/20/2045 DD 07/20/15 No. of SHARES - 360,000	360,958	366,793
CVS HEALTH CORP	FIXED INCOME; CORP; 4.300% 03/25/2028 DD 03/09/18 No. of SHARES - 110,000	111,782	113,291
CVS HEALTH CORP	FIXED INCOME; CORP; 4.780% 03/25/2038 DD 03/09/18 No. of SHARES - 565,000	554,033	565,017
CVS HEALTH CORP	FIXED INCOME; CORP; 4.780% 03/25/2038 DD 03/09/18 No. of SHARES - 2,995,000	2,936,867	2,995,090
CVS HEALTH CORP	FIXED INCOME; CORP; 5.050% 03/25/2048 DD 03/09/18 No. of SHARES - 1,035,000	1,027,962	1,052,647
CVS HEALTH CORP	FIXED INCOME; CORP; 5.050% 03/25/2048 DD 03/09/18 No. of SHARES - 935,000	928,642	950,942
CARDINAL HEALTH INC	FIXED INCOME; CORP; 4.900% 09/15/2045 DD 06/23/15 No. of SHARES - 135,000	126,307	129,391
CELGENE CORP	FIXED INCOME; CORP; 4.350% 11/15/2047 DD 11/09/17 No. of SHARES - 5,110,000	5,206,221	5,381,852
CELGENE CORP	FIXED INCOME; CORP; 4.350% 11/15/2047 DD 11/09/17 No. of SHARES - 70,000	71,318	73,724
CELGENE CORP	FIXED INCOME; CORP; 4.350% 11/15/2047 DD 11/09/17 No. of SHARES - 2,850,000	2,946,910	3,001,620
CHRISTUS HEALTH	FIXED INCOME; CORP; 4.341% 07/01/2028 DD 10/30/18 No. of SHARES - 700,000	700,000	770,623
DUKE UNIVERSITY HEALTH SYSTEM	FIXED INCOME; CORP; 3.920% 06/01/2047 DD 06/06/17 No. of SHARES - 600,000	600,000	637,572
EXPRESS SCRIPTS HOLDING CO	FIXED INCOME; CORP; 3.400% 03/01/2027 DD 07/05/16 No. of SHARES - 265,000	259,435	263,232
EXPRESS SCRIPTS HOLDING CO	FIXED INCOME; CORP; 4.800% 07/15/2046 DD 07/05/16 No. of SHARES - 500,000	493,450	499,675
GILEAD SCIENCES INC	FIXED INCOME; CORP; 4.500% 02/01/2045 DD 11/17/14 No. of SHARES - 235,000	239,134	244,076
GILEAD SCIENCES INC	FIXED INCOME; CORP; 4.750% 03/01/2046 DD 09/14/15 No. of SHARES - 145,000	153,232	155,207
GILEAD SCIENCES INC	FIXED INCOME; CORP; 4.600% 09/01/2035 DD 09/14/15 No. of SHARES - 515,000	548,815	557,302
GILEAD SCIENCES INC	FIXED INCOME; CORP; 4.000% 09/01/2036 DD 09/20/16 No. of SHARES - 200,000	199,562	203,902
HCA INC	FIXED INCOME; CORP; 5.500% 06/15/2047 DD 06/22/17 No. of SHARES - 2,200,000	2,283,754	2,312,090
JOHNSON & JOHNSON	FIXED INCOME; CORP; 3.625% 03/03/2037 DD 03/03/17 No. of SHARES - 5,165,000	5,240,977	5,354,917
KAISER FOUNDATION HOSPITALS	FIXED INCOME; CORP; 4.150% 05/01/2047 DD 05/03/17 No. of SHARES - 235,000	250,801	258,968

ELI LILLY & CO	FIXED INCOME; CORP; 4.150% 03/15/2059 DD 02/22/19 No. of SHARES - 245,000	250,035	259,965
MCLAREN HEALTH CARE CORP	FIXED INCOME; CORP; 4.386% 05/15/2048 DD 07/25/18 No. of SHARES - 900,000	900,000	1,005,075
MEDTRONIC INC	FIXED INCOME; CORP; 4.375% 03/15/2035 DD 03/15/15 No. of SHARES - 625,000	675,950	694,638
MEDTRONIC INC	FIXED INCOME; CORP; 4.625% 03/15/2045 DD 03/15/15 No. of SHARES - 140,000	157,419	161,648
MERCK & CO INC	FIXED INCOME; CORP; 3.600% 09/15/2042 DD 09/13/12 No. of SHARES - 195,000	190,817	195,973
NORTHWELL HEALTHCARE INC	FIXED INCOME; CORP; 4.260% 11/01/2047 DD 09/26/17 No. of SHARES - 170,000	174,882	179,865
NOVARTIS CAPITAL CORP	FIXED INCOME; CORP; 4.400% 05/06/2044 DD 02/21/14 No. of SHARES - 940,000	1,036,510	1,061,974
PFIZER INC	FIXED INCOME; CORP; 4.000% 12/15/2036 DD 11/21/16 No. of SHARES - 420,000	434,108	444,419
PFIZER INC	FIXED INCOME; CORP; 4.000% 03/15/2049 DD 03/11/19 No. of SHARES - 720,000	740,254	760,831
UNITEDHEALTH GROUP INC	FIXED INCOME; CORP; 3.950% 10/15/2042 DD 10/22/12 No. of SHARES - 205,000	203,374	208,356
UNITEDHEALTH GROUP INC	FIXED INCOME; CORP; 4.625% 07/15/2035 DD 07/23/15 No. of SHARES - 295,000	323,653	329,353
UNITEDHEALTH GROUP INC	FIXED INCOME; CORP; 3.750% 10/15/2047 DD 10/25/17 No. of SHARES - 160,000	153,053	157,206
UNITEDHEALTH GROUP INC	FIXED INCOME; CORP; 3.850% 06/15/2028 DD 06/19/18 No. of SHARES - 85,000	88,870	89,907
UNITEDHEALTH GROUP INC	FIXED INCOME; CORP; 4.250% 06/15/2048 DD 06/19/18 No. of SHARES - 860,000	895,441	917,448
UNITEDHEALTH GROUP INC	FIXED INCOME; CORP; 4.450% 12/15/2048 DD 12/17/18 No. of SHARES - 230,000	246,229	252,223
ANTHEM INC	FIXED INCOME; CORP; 5.100% 01/15/2044 DD 08/06/13 No. of SHARES - 265,000	283,648	287,175
WYETH LLC	FIXED INCOME; CORP; 6.500% 02/01/2034 DD 12/16/03 No. of SHARES - 40,000	42,118	54,836
ZOETIS INC	FIXED INCOME; CORP; 4.700% 02/01/2043 DD 08/01/13 No. of SHARES - 600,000	599,196	668,670
ZOETIS INC	FIXED INCOME; CORP; 3.900% 08/20/2028 DD 08/20/18 No. of SHARES - 800,000	798,488	835,104
UNILEVER CAPITAL CORP	FIXED INCOME; CORP; 5.900% 11/15/2032 DD 11/12/02 No. of SHARES - 380,000	479,507	487,377
CATERPILLAR INC	FIXED INCOME; CORP; 4.750% 05/15/2064 DD 05/08/14 No. of SHARES - 705,000	792,378	825,767
AFLAC INC	FIXED INCOME; CORP; 4.750% 01/15/2049 DD 10/31/18 No. of SHARES - 700,000	695,380	789,894
AMERICAN FINANCIAL GROUP INC/O	FIXED INCOME; CORP; 4.500% 06/15/2047 DD 06/02/17 No. of SHARES - 1,000,000	994,600	1,000,060

AMERICAN INTERNATIONAL GROUP I	FIXED INCOME; CORP; 4.500% 07/16/2044 DD 07/16/14 No. of SHARES - 1,210,000	1,204,858	1,220,672
AMERICAN INTERNATIONAL GROUP I	FIXED INCOME; CORP; 4.750% 04/01/2048 DD 03/26/18 No. of SHARES - 415,000	429,647	434,078
AMERICAN INTERNATIONAL GROUP I	FIXED INCOME; CORP; 4.250% 03/15/2029 DD 03/15/19 No. of SHARES - 210,000	217,182	218,948
ARCH CAPITAL FINANCE LLC	FIXED INCOME; CORP; 5.031% 12/15/2046 DD 12/08/16 No. of SHARES - 3,565,000	4,042,389	4,129,625
AXA EQUITABLE HOLDINGS INC	FIXED INCOME; CORP; 4.350% 04/20/2028 DD 10/20/18 No. of SHARES - 300,000	299,445	308,694
AXA EQUITABLE HOLDINGS INC	FIXED INCOME; CORP; 5.000% 04/20/2048 DD 10/20/18 No. of SHARES - 800,000	797,656	805,800
BERKSHIRE HATHAWAY FINANCE CORP	FIXED INCOME; CORP; 4.200% 08/15/2048 DD 08/15/18 No. of SHARES - 900,000	895,437	960,633
BERKSHIRE HATHAWAY FINANCE CORP	FIXED INCOME; CORP; 4.200% 08/15/2048 DD 08/15/18 No. of SHARES - 1,390,000	1,443,223	1,483,644
LINCOLN NATIONAL CORP	FIXED INCOME; CORP; 4.350% 03/01/2048 DD 02/12/18 No. of SHARES - 2,005,000	2,014,584	2,059,596
METLIFE INC	FIXED INCOME; CORP; 5.700% 06/15/2035 DD 06/23/05 No. of SHARES - 475,000	586,967	598,044
METLIFE INC	FIXED INCOME; CORP; 4.050% 03/01/2045 DD 03/05/15 No. of SHARES - 275,000	278,058	284,925
PRINCIPAL FINANCIAL GROUP INC	FIXED INCOME; CORP; 4.625% 09/15/2042 DD 09/10/12 No. of SHARES - 1,385,000	1,455,123	1,492,988
PRUDENTIAL FINANCIAL INC	FIXED INCOME; CORP; 3.905% 12/07/2047 DD 12/07/17 No. of SHARES - 145,000	140,889	144,743
PRUDENTIAL FINANCIAL INC	FIXED INCOME; CORP; 3.935% 12/07/2049 DD 12/07/17 No. of SHARES - 305,000	298,769	305,183
PRUDENTIAL FINANCIAL INC	FIXED INCOME; CORP; 6.625% 06/21/2040 DD 06/21/10 No. of SHARES - 310,000	411,175	419,120
PRUDENTIAL FINANCIAL INC	FIXED INCOME; CORP; 4.350% 02/25/2050 DD 02/25/19 No. of SHARES - 365,000	382,885	391,178
TRAVELERS COS INC/THE	FIXED INCOME; CORP; 4.000% 05/30/2047 DD 05/22/17 No. of SHARES - 1,665,000	1,709,539	1,750,664
TRAVELERS COS INC/THE	FIXED INCOME; CORP; 4.100% 03/04/2049 DD 03/04/19 No. of SHARES - 1,465,000	1,526,984	1,561,104
BURLINGTON NORTHERN SANTA FE	FIXED INCOME; CORP; 6.150% 05/01/2037 DD 04/13/07 No. of SHARES - 440,000	566,130	575,709
SANDS CHINA LTD	FIXED INCOME; CORP; 5.400% 08/08/2028 DD 08/09/18 No. of SHARES - 200,000	199,450	209,198
VULCAN MATERIALS CO	FIXED INCOME; CORP; 4.500% 06/15/2047 DD 06/15/17 No. of SHARES - 520,000	484,780	491,598
BHP BILLITON FINANCE USA LTD	FIXED INCOME; CORP; 5.000% 09/30/2043 DD 09/30/13 No. of SHARES - 215,000	251,038	255,285
BARRICK PD AUSTRALIA FINANCE P	FIXED INCOME; CORP; 5.950% 10/15/2039 DD 10/16/09 No. of SHARES - 245,000	280,099	282,808

NEWMONT GOLDCORP CORP	FIXED INCOME; CORP; 6.250% 10/01/2039 DD 09/18/09 No. of SHARES - 1,210,000	1,439,077	1,467,597
BARRICK GOLD CORP	FIXED INCOME; CORP; 6.450% 10/15/2035 DD 04/15/04 No. of SHARES - 200,000	236,234	241,666
RIO TINTO FINANCE USA PLC	FIXED INCOME; CORP; 4.125% 08/21/2042 DD 08/21/12 No. of SHARES - 385,000	400,192	409,790
SOUTHERN COPPER CORP	FIXED INCOME; CORP; 5.875% 04/23/2045 DD 04/23/15 No. of SHARES - 435,000	484,507	482,267
BURLINGTON NORTHERN SANTA FE	FIXED INCOME; CORP; 4.150% 12/15/2048 DD 08/02/18 No. of SHARES - 225,000	234,905	240,845
BURLINGTON NORTHERN SANTA FE	FIXED INCOME; CORP; 4.050% 06/15/2048 DD 03/05/18 No. of SHARES - 195,000	200,353	204,502
BURLINGTON NORTHERN SANTA FE	FIXED INCOME; CORP; 4.150% 04/01/2045 DD 03/09/15 No. of SHARES - 305,000	317,465	323,779
BURLINGTON NORTHERN SANTA FE	FIXED INCOME; CORP; 4.150% 04/01/2045 DD 03/09/15 No. of SHARES - 3,515,000	3,658,658	3,731,419
BURLINGTON NORTHERN SANTA FE	FIXED INCOME; CORP; 4.375% 09/01/2042 DD 08/23/12 No. of SHARES - 135,000	142,441	146,659
BURLINGTON NORTHERN SANTA FE	FIXED INCOME; CORP; 5.050% 03/01/2041 DD 09/10/10 No. of SHARES - 135,000	154,605	157,216
TRIMBLE INC	FIXED INCOME; CORP; 4.150% 06/15/2023 DD 06/15/18 No. of SHARES - 500,000	499,820	514,180
ORACLE CORP	FIXED INCOME; CORP; 4.000% 11/15/2047 DD 11/09/17 No. of SHARES - 250,000	246,055	253,418
ORACLE CORP	FIXED INCOME; CORP; 3.800% 11/15/2037 DD 11/09/17 No. of SHARES - 900,000	896,616	904,230
ORACLE CORP	FIXED INCOME; CORP; 3.800% 11/15/2037 DD 11/09/17 No. of SHARES - 310,000	306,252	311,457
ORACLE CORP	FIXED INCOME; CORP; 4.000% 07/15/2046 DD 07/07/16 No. of SHARES - 55,000	53,985	55,249
ORACLE CORP	FIXED INCOME; CORP; 4.125% 05/15/2045 DD 05/05/15 No. of SHARES - 390,000	389,856	399,524
ORACLE CORP	FIXED INCOME; CORP; 4.300% 07/08/2034 DD 07/08/14 No. of SHARES - 840,000	895,768	909,602
MICROSOFT CORP	FIXED INCOME; CORP; 4.100% 02/06/2037 DD 02/06/17 No. of SHARES - 1,105,000	1,191,367	1,220,616
MICROSOFT CORP	FIXED INCOME; CORP; 3.950% 08/08/2056 DD 08/08/16 No. of SHARES - 545,000	558,647	582,414
MICROSOFT CORP	FIXED INCOME; CORP; 3.700% 08/08/2046 DD 08/08/16 No. of SHARES - 3,445,000	3,489,921	3,584,075
ANADARKO PETROLEUM CORP	FIXED INCOME; CORP; 4.500% 07/15/2044 DD 07/07/14 No. of SHARES - 80,000	79,178	79,502
ANDEAVOR LOGISTICS LP / TESORO	FIXED INCOME; CORP; 5.200% 12/01/2047 DD 11/28/17 No. of SHARES - 210,000	210,641	213,738
APACHE CORP	FIXED INCOME; CORP; 5.100% 09/01/2040 DD 08/20/10 No. of SHARES - 50,000	49,311	49,602

APACHE CORP	FIXED INCOME; CORP; 5.250% 02/01/2042 DD 12/03/10 No. of SHARES - 75,000	75,318	76,997
APACHE CORP	FIXED INCOME; CORP; 4.250% 01/15/2044 DD 12/03/12 No. of SHARES - 150,000	133,026	134,331
COLUMBIA PIPELINE GROUP INC	FIXED INCOME; CORP; 5.800% 06/01/2045 DD 12/01/15 No. of SHARES - 425,000	477,993	487,008
CONCHO RESOURCES INC	FIXED INCOME; CORP; 4.850% 08/15/2048 DD 07/02/18 No. of SHARES - 80,000	84,524	83,834
CONOCOPHILLIPS HOLDING CO	FIXED INCOME; CORP; 6.950% 04/15/2029 DD 04/20/99 No. of SHARES - 1,000,000	1,284,080	1,299,420
CONTINENTAL RESOURCES INC	FIXED INCOME; CORP; 3.800% 06/01/2024 DD 05/19/14 No. of SHARES - 200,000	195,132	200,888
CONTINENTAL RESOURCES INC	FIXED INCOME; CORP; 4.900% 06/01/2044 DD 05/19/14 No. of SHARES - 620,000	629,821	631,427
DEVON ENERGY CORP	FIXED INCOME; CORP; 5.600% 07/15/2041 DD 07/12/11 No. of SHARES - 300,000	341,515	341,175
DEVON ENERGY CORP	FIXED INCOME; CORP; 4.750% 05/15/2042 DD 05/14/12 No. of SHARES - 30,000	30,595	31,089
DEVON ENERGY CORP	FIXED INCOME; CORP; 5.000% 06/15/2045 DD 06/16/15 No. of SHARES - 200,000	212,430	217,782
KINDER MORGAN ENERGY PARTNERS	FIXED INCOME; CORP; 4.700% 11/01/2042 DD 11/08/12 No. of SHARES - 100,000	96,459	97,693
ENERGY TRANSFER OPERATING LP	FIXED INCOME; CORP; 5.150% 02/01/2043 DD 01/22/13 No. of SHARES - 40000	38,265	38,371
ENERGY TRANSFER OPERATING LP	FIXED INCOME; CORP; 5.950% 10/01/2043 DD 09/19/13 No. of SHARES - 365000	384,009	384,776
ENERGY TRANSFER OPERATING LP	FIXED INCOME; CORP; 5.150% 03/15/2045 DD 03/12/15 No. of SHARES - 295000	285,483	285,212
ENERGY TRANSFER OPERATING LP	FIXED INCOME; CORP; 6.125% 12/15/2045 DD 06/23/15 No. of SHARES - 310000	334,220	339,314
ENERGY TRANSFER OPERATING LP	FIXED INCOME; CORP; 5.300% 04/15/2047 DD 01/17/17 No. of SHARES - 170000	167,443	167,963
ENERGY TRANSFER OPERATING LP	FIXED INCOME; CORP; 6.000% 06/15/2048 DD 06/08/18 No. of SHARES - 1535000	1,645,351	1,653,763
ENERGY TRANSFER OPERATING LP	FIXED INCOME; CORP; 6.000% 06/15/2048 DD 06/08/18 No. of SHARES - 265000	284,051	285,503
ENERGY TRANSFER OPERATING LP	FIXED INCOME; CORP; 6.250% 04/15/2049 DD 01/15/19 No. of SHARES - 715000	797,289	799,928
ENERGY TRANSFER OPERATING LP	FIXED INCOME; CORP; 6.250% 04/15/2049 DD 01/15/19 No. of SHARES - 200000	199,700	223,756
ENTERPRISE PRODUCTS OPERATING	FIXED INCOME; CORP; 6.875% 03/01/2033 DD 02/14/03 No. of SHARES - 285000	363,734	364,512
ENTERPRISE PRODUCTS OPERATING	FIXED INCOME; CORP; 4.850% 03/15/2044 DD 03/18/13 No. of SHARES - 70000	74,030	74,311
ENTERPRISE PRODUCTS OPERATING	FIXED INCOME; CORP; 4.950% 10/15/2054 DD 10/14/14 No. of SHARES - 490000	511,972	527,392

ENTERPRISE PRODUCTS OPERATING	FIXED INCOME; CORP; 4.950% 10/15/2054 DD 10/14/14 No. of SHARES - 1520000	1,588,157	1,635,991
ENTERPRISE PRODUCTS OPERATING	FIXED INCOME; CORP; 4.900% 05/15/2046 DD 05/07/15 No. of SHARES - 2050000	2,174,189	2,191,184
ENTERPRISE PRODUCTS OPERATING	FIXED INCOME; CORP; 4.800% 02/01/2049 DD 10/11/18 No. of SHARES - 390,000	412,290	413,080
HALLIBURTON CO	FIXED INCOME; CORP; 4.850% 11/15/2035 DD 11/13/15 No. of SHARES - 520,000	543,852	556,093
HALLIBURTON CO	FIXED INCOME; CORP; 5.000% 11/15/2045 DD 11/13/15 No. of SHARES - 255,000	268,943	266,791
KINDER MORGAN INC	FIXED INCOME; CORP; 5.550% 06/01/2045 DD 11/26/14 No. of SHARES - 285,000	306,711	309,040
KINDER MORGAN INC	FIXED INCOME; CORP; 4.300% 03/01/2028 DD 03/01/18 No. of SHARES - 1,360,000	1,411,326	1,414,373
KINDER MORGAN INC	FIXED INCOME; CORP; 5.200% 03/01/2048 DD 03/01/18 No. of SHARES - 550,000	573,397	576,824
MPLX LP	FIXED INCOME; CORP; 5.200% 03/01/2047 DD 02/10/17 No. of SHARES - 285,000	289,315	290,777
MPLX LP	FIXED INCOME; CORP; 4.500% 04/15/2038 DD 02/08/18 No. of SHARES - 465,000	440,183	441,611
MPLX LP	FIXED INCOME; CORP; 5.500% 02/15/2049 DD 11/15/18 No. of SHARES - 1,410,000	1,493,839	1,501,523
MPLX LP	FIXED INCOME; CORP; 5.500% 02/15/2049 DD 11/15/18 No. of SHARES - 365,000	386,703	388,692
MAGELLAN MIDSTREAM PARTNERS LP	FIXED INCOME; CORP; 4.850% 02/01/2049 DD 01/18/19 No. of SHARES - 2,490,000	2,640,172	2,689,449
MARATHON OIL CORP	FIXED INCOME; CORP; 6.600% 10/01/2037 DD 09/27/07 No. of SHARES - 145,000	173,870	174,149
MARATHON OIL CORP	FIXED INCOME; CORP; 5.200% 06/01/2045 DD 06/10/15 No. of SHARES - 300,000	321,423	324,888
MARATHON OIL CORP	FIXED INCOME; CORP; 4.400% 07/15/2027 DD 07/24/17 No. of SHARES - 120,000	124,573	124,471
MARATHON PETROLEUM CORP	FIXED INCOME; CORP; 6.500% 03/01/2041 DD 09/01/11 No. of SHARES - 1,500,000	1,799,220	1,820,610
NOBLE ENERGY INC	FIXED INCOME; CORP; 5.050% 11/15/2044 DD 11/07/14 No. of SHARES - 665,000	682,177	674,496
NOBLE ENERGY INC	FIXED INCOME; CORP; 4.950% 08/15/2047 DD 08/15/17 No. of SHARES - 170,000	173,992	173,715
OCCIDENTAL PETROLEUM CORP	FIXED INCOME; CORP; 4.200% 03/15/2048 DD 03/02/18 No. of SHARES - 2,020,000	1,942,614	1,954,895
ONEOK INC	FIXED INCOME; CORP; 5.200% 07/15/2048 DD 07/02/18 No. of SHARES - 700,000	694,062	729,302
PETROLEOS MEXICANOS	FIXED INCOME; CORP; 6.375% 01/23/2045 DD 07/23/14 No. of SHARES - 535,000	472,138	470,747
PETROLEOS MEXICANOS	FIXED INCOME; CORP; 5.625% 01/23/2046 DD 01/23/16 No. of SHARES - 1,505,000	1,232,595	1,225,070

PETROLEOS MEXICANOS	FIXED INCOME; CORP; 6.750% 09/21/2047 DD 09/21/16 No. of SHARES - 250,000	226,475	225,975
PETROLEOS MEXICANOS	FIXED INCOME; CORP; 6.350% 02/12/2048 DD 08/12/18 No. of SHARES - 370,000	320,975	322,973
PHILLIPS 66	FIXED INCOME; CORP; 5.875% 05/01/2042 DD 11/01/12 No. of SHARES - 35,000	41,602	41,868
PHILLIPS 66	FIXED INCOME; CORP; 4.650% 11/15/2034 DD 11/17/14 No. of SHARES - 255,000	270,902	274,467
PHILLIPS 66	FIXED INCOME; CORP; 4.875% 11/15/2044 DD 11/17/14 No. of SHARES - 225,000	239,321	245,327
PLAINS ALL AMERICAN PIPELINE	FIXED INCOME; CORP; 3.600% 11/01/2024 DD 09/09/14 No. of SHARES - 500,000	493,234	500,950
SHELL INTERNATIONAL FINANCE BV	FIXED INCOME; CORP; 3.625% 08/21/2042 DD 08/21/12 No. of SHARES - 80,000	77,453	79,061
SHELL INTERNATIONAL FINANCE BV	FIXED INCOME; CORP; 4.125% 05/11/2035 DD 05/11/15 No. of SHARES - 830,000	885,029	895,919
SHELL INTERNATIONAL FINANCE BV	FIXED INCOME; CORP; 4.000% 05/10/2046 DD 05/10/16 No. of SHARES - 605,000	622,563	634,457
SHELL INTERNATIONAL FINANCE BV	FIXED INCOME; CORP; 3.750% 09/12/2046 DD 09/12/16 No. of SHARES - 160,000	157,643	162,205
SUNOCO LOGISTICS PARTNERS OPERATIONS	FIXED INCOME; CORP; 5.350% 05/15/2045 DD 11/17/14 No. of SHARES - 1,030,000	1,023,573	1,023,387
SUNOCO LOGISTICS PARTNERS OPERATIONS	FIXED INCOME; CORP; 5.400% 10/01/2047 DD 09/21/17 No. of SHARES - 3,140,000	3,133,594	3,148,792
SUNOCO LOGISTICS PARTNERS OPERATIONS	FIXED INCOME; CORP; 5.400% 10/01/2047 DD 09/21/17 No. of SHARES - 705,000	703,562	706,974
TENNESSEE GAS PIPELINE CO LLC	FIXED INCOME; CORP; 7.000% 10/15/2028 DD 10/09/98 No. of SHARES - 415,000	505,819	508,018
TRANSCANADA PIPELINES LTD	FIXED INCOME; CORP; 4.750% 05/15/2038 DD 05/07/18 No. of SHARES - 330,000	340,969	346,160
TRANSCANADA PIPELINES LTD	FIXED INCOME; CORP; 4.875% 05/15/2048 DD 05/07/18 No. of SHARES - 335,000	346,434	351,629
TRANSCANADA PIPELINES LTD	FIXED INCOME; CORP; 5.100% 03/15/2049 DD 10/12/18 No. of SHARES - 125,000	135,301	136,235
TRANSCONTINENTAL GAS PIPE LINE	FIXED INCOME; CORP; 5.400% 08/15/2041 DD 02/15/12 No. of SHARES - 360,000	391,702	404,572
TRANSCONTINENTAL GAS PIPE LINE	FIXED INCOME; CORP; 4.450% 08/01/2042 DD 07/13/12 No. of SHARES - 490,000	481,807	495,905
WILLIAMS COS INC/THE	FIXED INCOME; CORP; 7.500% 01/15/2031 DD 01/17/01 No. of SHARES - 70,000	88,450	88,803
WILLIAMS COS INC/THE	FIXED INCOME; CORP; 5.750% 06/24/2044 DD 06/24/14 No. of SHARES - 100,000	108,937	109,018
WILLIAMS COS INC/THE	FIXED INCOME; CORP; 5.100% 09/15/2045 DD 03/03/15 No. of SHARES - 110,000	111,730	113,178
WILLIAMS COS INC/THE	FIXED INCOME; CORP; 4.850% 03/01/2048 DD 03/05/18 No. of SHARES - 1,395,000	1,377,493	1,414,823

WILLIAMS COS INC/THE	FIXED INCOME; CORP; 4.850% 03/01/2048 DD 03/05/18 No. of SHARES - 75,000	74,059	76,066
WILLIAMS COS INC/THE	FIXED INCOME; CORP; 6.300% 04/15/2040 DD 02/09/10 No. of SHARES - 510,000	584,134	595,731
WILLIAMS COS INC/THE	FIXED INCOME; CORP; 4.900% 01/15/2045 DD 06/27/14 No. of SHARES - 190,000	189,324	189,582
INTERNATIONAL PAPER CO	FIXED INCOME; CORP; 4.400% 08/15/2047 DD 08/11/16 No. of SHARES - 135,000	124,374	126,450
INTERNATIONAL PAPER CO	FIXED INCOME; CORP; 4.350% 08/15/2048 DD 08/09/17 No. of SHARES - 70,000	63,660	64,748
MICROSOFT CORP	FIXED INCOME; CORP; 3.700% 08/08/2046 DD 08/08/16 No. of SHARES - 1,080,000	1,084,072	1,123,600
MICROSOFT CORP	FIXED INCOME; CORP; 3.450% 08/08/2036 DD 08/08/16 No. of SHARES - 635,000	633,895	650,869
ARBOR REALTY COMMER FL1 A 144A	FIXED INCOME; CORP; VAR RT 05/15/2037 DD 06/05/19 No. of SHARES - 1,200,000	1,200,000	1,200,000
LOANCORE 2019-CRE2 CRE2 A 144A	FIXED INCOME; CORP; VAR RT 05/09/2036 DD 05/30/19 No. of SHARES - 1,100,000	1,100,000	1,102,463
CROWN POINT CLO 5 LT 5A A 144A	FIXED INCOME; CORP; VAR RT 07/17/2028 DD 07/17/18 No. of SHARES - 300,000	300,000	299,178
MOUNTAIN HAWK II C 2A A1R 144A	FIXED INCOME; CORP; VAR RT 07/20/2024 DD 07/20/18 No. of SHARES - 419,464	419,464	419,166
PALMER SQUARE LOAN 4A A1 144A	FIXED INCOME; CORP; VAR RT 11/15/2026 DD 10/31/18 No. of SHARES - 826,339	826,339	826,777
PALMER SQUARE CLO 2 3A A1 144A	FIXED INCOME; CORP; VAR RT 08/15/2026 DD 07/25/18 No. of SHARES - 332,469	332,469	330,478
TRALEE CLO V LTD 5A A1 144A	FIXED INCOME; CORP; VAR RT 10/20/2028 DD 10/31/18 No. of SHARES - 900,000	900,000	897,529
ECMC GROUP STUDENT L 1A A 144A	FIXED INCOME; CORP; VAR RT 02/27/2068 DD 03/08/18 No. of SHARES - 309,384	309,384	306,290
NAVIENT STUDENT LOAN 7A A 144A	FIXED INCOME; CORP; VAR RT 03/25/2066 DD 11/03/16 No. of SHARES - 357,695	357,695	361,705
SLM STUDENT LOAN T 10 A7B 144A	FIXED INCOME; CORP; VAR RT 10/25/2029 DD 04/25/18 No. of SHARES - 300,000	300,000	298,902
START IRELAND 1 A 144A	FIXED INCOME; CORP; 4.089% 03/15/2044 DD 04/18/19 No. of SHARES - 592,857	592,831	607,068
BPCE SA 144A	FIXED INCOME; CORP; VAR RT 09/12/2023 DD 09/12/18 No. of SHARES - 900,000	900,000	899,676
BPCE SA 144A	FIXED INCOME; CORP; 4.625% 09/12/2028 DD 09/12/18 No. of SHARES - 500,000	497,075	533,470
BANK OF IRELAND GROUP PLC 144A	FIXED INCOME; CORP; 4.500% 11/25/2023 DD 09/25/18 No. of SHARES - 800000	798,856	823,192
BANQUE FEDERATIVE DU CRED 144A	FIXED INCOME; CORP; VAR RT 07/20/2023 DD 07/20/18 No. of SHARES - 1,000,000	1,000,000	1,007,170
CREDIT SUISSE GROUP AG 144A	FIXED INCOME; CORP; 4.282% 01/09/2028 DD 01/09/17 No. of SHARES - 285,000	289,794	292,496

CREDIT SUISSE GROUP AG 144A	FIXED INCOME; CORP; VAR RT 01/12/2029 DD 01/12/18 No. of SHARES - 500,000	494,420	499,090
CREDIT SUISSE GROUP AG 144A	FIXED INCOME; CORP; VAR RT 06/12/2024 DD 06/12/18 No. of SHARES - 250,000	250,000	250,363
UBS AG/LONDON 144A	FIXED INCOME; CORP; 4.500% 06/26/2048 DD 06/26/18 No. of SHARES - 285,000	317,379	323,823
UBS GROUP FUNDING SWITZER 144A	FIXED INCOME; CORP; 4.253% 03/23/2028 DD 03/23/17 No. of SHARES - 310,000	320,769	324,595
UNICREDIT SPA 144A	FIXED INCOME; CORP; VAR RT 01/14/2022 DD 01/15/19 No. of SHARES - 1,200,000	1,200,000	1,242,912
AREIT 2018-CRE1 TR CRE1 A 144A	FIXED INCOME; CORP; VAR RT 02/14/2035 DD 02/28/18 No. of SHARES - 84,343	84,343	84,375
BAMLL COMMERCIAL MO AHT A 144A	FIXED INCOME; CORP; VAR RT 03/15/2034 DD 04/05/19 No. of SHARES - 1,100,000	1,100,000	1,100,715
BBCMS TRUST 2015- SRCH A2 144A	FIXED INCOME; CORP; 4.197% 08/10/2035 DD 12/06/15 No. of SHARES - 700,000	720,947	759,339
BBCMS TRUST 2015-S SRCH D 144A	FIXED INCOME; CORP; VAR RT 08/10/2035 DD 12/06/15 No. of SHARES - 500,000	503,075	535,725
COMM 2018-HOME MOR HOME A 144A	FIXED INCOME; CORP; VAR RT 04/10/2033 DD 06/01/18 No. of SHARES - 600,000	601,627	633,990
CORE INDUSTRIAL TR WEST C 144A	FIXED INCOME; CORP; 3.494% 02/10/2037 DD 04/01/15 No. of SHARES - 700,000	668,938	724,493
CREDIT SUISSE FIRST P1A A 144A	FIXED INCOME; CORP; VAR RT 03/25/2032 DD 03/01/02 No. of SHARES - 8,008	6,279	7,764
DBGS 2019-1735 MOR 1735 A 144A	FIXED INCOME; CORP; 3.843% 04/10/2037 DD 04/01/19 No. of SHARES - 1,200,000	1,235,934	1,268,280
CITIGROUP COMMERCI SMRT A 144A	FIXED INCOME; CORP; 4.149% 01/10/2024 DD 01/01/19 No. of SHARES - 2,100,000	2,162,970	2,240,994
FREDDIE MAC MILITAR R1 A3 144A	FIXED INCOME; CORP; VAR RT 11/25/2052 DD 09/01/15 No. of SHARES - 1,983,047	2,086,754	2,152,915
HPLY TRUST 2019-HIT HIT A 144A	FIXED INCOME; CORP; VAR RT 11/15/2036 DD 05/31/19 No. of SHARES - 1,400,000	1,400,000	1,400,875
MORGAN STANLEY CAPIT MP A 144A	FIXED INCOME; CORP; 4.418% 07/11/2040 DD 08/01/18 No. of SHARES - 400,000	411,548	442,684
NATIXIS COMMERCIAL LVL A 144A	FIXED INCOME; CORP; 3.885% 08/15/2038 DD 04/01/19 No. of SHARES - 800,000	823,997	857,808
CITIGROUP GLOBAL MAR 1 A1 144A	FIXED INCOME; CORP; VAR RT 05/25/2032 DD 05/30/02 No. of SHARES - 11,657	9,461	11,595
WORLDWIDE PLAZA TRU WWP A 144A	FIXED INCOME; CORP; 3.526% 11/10/2036 DD 11/01/17 No. of SHARES - 300,000	308,998	312,846
AIG SUNAMERICA GLOBAL FIN 144A	FIXED INCOME; CORP; 6.900% 03/15/2032 DD 03/20/02 No. of SHARES - 80,000	106,737	107,639
AP MOLLER - MAERSK A/S 144A	FIXED INCOME; CORP; 3.875% 09/28/2025 DD 09/28/15 No. of SHARES - 800,000	816,784	804,872
ANTERO MIDSTREAM PARTNERS 144A	FIXED INCOME; CORP; 5.750% 03/01/2027 DD 02/25/19 No. of SHARES - 1,000,000	1,000,000	1,007,500
AVIATION CAPITAL GROUP LL 144A	FIXED INCOME; CORP; 3.500% 11/01/2027 DD 10/18/17 No. of SHARES - 100,000	95,299	96,342
BACARDI LTD 144A	FIXED INCOME; CORP; 4.700% 05/15/2028 DD 04/30/18 No. of SHARES - 1,000,000	996,810	1,038,590

BAYER US FINANCE LLC 144A	FIXED INCOME; CORP; 3.375% 10/08/2024 DD 10/08/14 No. of SHARES - 3,175,000	3,111,627	3,132,741
BAYER US FINANCE II LLC 144A	FIXED INCOME; CORP; 3.875% 12/15/2023 DD 06/25/18 No. of SHARES - 200,000	199,348	203,316
BAYER US FINANCE II LLC 144A	FIXED INCOME; CORP; 4.375% 12/15/2028 DD 06/25/18 No. of SHARES - 200,000	198,542	202,828
BRISTOL-MYERS SQUIBB CO 144A	FIXED INCOME; CORP; 3.400% 07/26/2029 DD 05/16/19 No. of SHARES - 195,000	194,979	199,569
BRISTOL-MYERS SQUIBB CO 144A	FIXED INCOME; CORP; 4.125% 06/15/2039 DD 05/16/19 No. of SHARES - 400,000	398,632	417,160
BRISTOL-MYERS SQUIBB CO 144A	FIXED INCOME; CORP; 4.250% 10/26/2049 DD 05/16/19 No. of SHARES - 675,000	683,411	712,692
CORP NACIONAL DEL COBRE D 144A	FIXED INCOME; CORP; 4.250% 07/17/2042 DD 07/17/12 No. of SHARES - 375,000	374,205	383,471
CORP NACIONAL DEL COBRE D 144A	FIXED INCOME; CORP; 4.375% 02/05/2049 DD 02/05/19 No. of SHARES - 200,000	201,048	205,110
CROWN CASTLE TOWERS LLC 144A	FIXED INCOME; CORP; 4.241% 07/15/2048 DD 07/11/18 No. of SHARES - 100,000	100,000	106,511
DAIMLER FINANCE NORTH AMERICA 144A	FIXED INCOME; CORP; 3.400% 02/22/2022 DD 02/22/19 No. of SHARES - 900,000	898,650	911,403
DELL INTERNATIONAL LLC / 144A	FIXED INCOME; CORP; 5.300% 10/01/2029 DD 03/20/19 No. of SHARES - 100,000	99,313	102,290
DELL INTERNATIONAL LLC / 144A	FIXED INCOME; CORP; 8.350% 07/15/2046 DD 06/01/16 No. of SHARES - 335,000	402,858	408,941
WALT DISNEY CO/THE 144A	FIXED INCOME; CORP; 6.150% 03/01/2037 DD 03/20/19 No. of SHARES - 695,000	901,707	916,962
WALT DISNEY CO/THE 144A	FIXED INCOME; CORP; 6.650% 11/15/2037 DD 03/20/19 No. of SHARES - 355,000	484,603	493,826
WALT DISNEY CO/THE 144A	FIXED INCOME; CORP; 6.150% 02/15/2041 DD 03/20/19 No. of SHARES - 25,000	32,890	33,724
WALT DISNEY CO/THE 144A	FIXED INCOME; CORP; 6.150% 02/15/2041 DD 03/20/19 No. of SHARES - 2,405,000	3,164,042	3,244,273
WALT DISNEY CO/THE 144A	FIXED INCOME; CORP; 5.400% 10/01/2043 DD 03/20/19 No. of SHARES - 15,000	18,341	18,850
WALT DISNEY CO/THE 144A	FIXED INCOME; CORP; 4.950% 10/15/2045 DD 03/20/19 No. of SHARES - 80,000	$ 94,334	$ 97,502
DOW CHEMICAL CO/THE 144A	FIXED INCOME; CORP; 4.800% 11/30/2028 DD 11/30/18 No. of SHARES - 845,000	901,657	915,617
ELECTRICITE DE FRANCE SA 144A	FIXED INCOME; CORP; 4.875% 01/22/2044 DD 01/22/14 No. of SHARES - 30,000	30,894	31,662
ELECTRICITE DE FRANCE SA 144A	FIXED INCOME; CORP; 6.000% 01/22/2039 DD 01/22/14 No. of SHARES - 525,000	563,451	573,437
ELECTRICITE DE FRANCE SA 144A	FIXED INCOME; CORP; 4.950% 10/13/2045 DD 10/13/15 No. of SHARES - 5,000	5,202	5,332
ENI SPA 144A	FIXED INCOME; CORP; 4.000% 09/12/2023 DD 09/12/18 No. of SHARES - 400,000	397,852	412,588
ENEL FINANCE INTERNATIONA 144A	FIXED INCOME; CORP; 3.625% 05/25/2027 DD 05/25/17 No. of SHARES - 700,000	639,576	671,874

FORTRESS TRANSPORTATION & 144A	FIXED INCOME; CORP; 6.500% 10/01/2025 DD 09/18/18 No. of SHARES - 700,000	693,875	703,500
FOX CORP 144A	FIXED INCOME; CORP; 5.476% 01/25/2039 DD 01/25/19 No. of SHARES - 200,000	223,368	227,646
FOX CORP 144A	FIXED INCOME; CORP; 5.576% 01/25/2049 DD 01/25/19 No. of SHARES - 210,000	238,625	244,272
CIGNA CORP 144A	FIXED INCOME; CORP; 4.375% 10/15/2028 DD 09/17/18 No. of SHARES - 105,000	108,702	110,059
CIGNA CORP 144A	FIXED INCOME; CORP; 4.800% 08/15/2038 DD 09/17/18 No. of SHARES - 380,000	382,440	386,452
CIGNA CORP 144A	FIXED INCOME; CORP; 4.900% 12/15/2048 DD 09/17/18 No. of SHARES - 455,000	455,446	464,828
CIGNA CORP 144A	FIXED INCOME; CORP; 4.900% 12/15/2048 DD 09/17/18 No. of SHARES - 3,840,000	3,843,763	3,922,944
INDIANAPOLIS POWER & LIGH 144A	FIXED INCOME; CORP; 4.050% 05/01/2046 DD 05/24/16 No. of SHARES - 475,000	475,176	493,715
LIBERTY MUTUAL GROUP INC 144A	FIXED INCOME; CORP; 6.500% 03/15/2035 DD 03/22/05 No. of SHARES - 140,000	166,583	168,563
LIBERTY MUTUAL GROUP INC 144A	FIXED INCOME; CORP; 4.850% 08/01/2044 DD 07/24/14 No. of SHARES - 670,000	701,792	715,399
KEURIG DR PEPPER INC 144A	FIXED INCOME; CORP; 4.985% 05/25/2038 DD 05/25/18 No. of SHARES - 135,000	140,297	143,370
KEURIG DR PEPPER INC 144A	FIXED INCOME; CORP; 5.085% 05/25/2048 DD 05/25/18 No. of SHARES - 235,000	244,760	250,926
MARS INC 144A	FIXED INCOME; CORP; 3.600% 04/01/2034 DD 03/29/19 No. of SHARES - 160,000	160,506	164,570
MARS INC 144A	FIXED INCOME; CORP; 3.875% 04/01/2039 DD 03/29/19 No. of SHARES - 170,000	169,539	173,783
MEXICO GENERADORA DE ENER 144A	FIXED INCOME; CORP; 5.500% 12/06/2032 DD 12/06/12 No. of SHARES - 1,536,350	1,601,644	1,598,572
MONONGAHELA POWER CO 144A	FIXED INCOME; CORP; 5.400% 12/15/2043 DD 11/27/13 No. of SHARES - 770,000	927,996	954,746
NATIONWIDE BUILDING SOCIE 144A	FIXED INCOME; CORP; VAR RT 03/08/2024 DD 03/08/18 No. of SHARES - 700,000	686,679	704,851
NESTLE HOLDINGS INC 144A	FIXED INCOME; CORP; 3.900% 09/24/2038 DD 09/24/18 No. of SHARES - 220,000	227,581	233,330
NESTLE HOLDINGS INC 144A	FIXED INCOME; CORP; 4.000% 09/24/2048 DD 09/24/18 No. of SHARES - 295,000	306,186	314,258
NESTLE HOLDINGS INC 144A	FIXED INCOME; CORP; 4.000% 09/24/2048 DD 09/24/18 No. of SHARES - 5,035,000	5,225,927	5,363,685
NEWCREST FINANCE PTY LTD 144A	FIXED INCOME; CORP; 4.450% 11/15/2021 DD 11/15/11 No. of SHARES - 100,000	101,916	103,480
NIAGARA MOHAWK POWER CORP 144A	FIXED INCOME; CORP; 4.278% 12/15/2028 DD 12/04/18 No. of SHARES - 900,000	899,991	979,434
PERTAMINA PERSERO PT 144A	FIXED INCOME; CORP; 6.500% 11/07/2048 DD 11/07/18 No. of SHARES - 200,000	198,900	232,036

PENSKE TRUCK LEASING CO L 144A	FIXED INCOME; CORP; 4.450% 01/29/2026 DD 01/29/19 No. of SHARES - 600,000	598,392	628,902
PERUSAHAAN LISTRIK NEGARA 144A	FIXED INCOME; CORP; 6.250% 01/25/2049 DD 10/25/18 No. of SHARES - 200,000	198,586	225,446
PROTECTIVE LIFE CORP 144A	FIXED INCOME; CORP; 4.300% 09/30/2028 DD 08/23/18 No. of SHARES - 400,000	399,036	421,008
RIO OIL FINANCE TRUST SER 144A	FIXED INCOME; CORP; 8.200% 04/06/2028 DD 04/19/18 No. of SHARES - 800,000	800,000	878,008
SMBC AVIATION CAPITAL FIN 144A	FIXED INCOME; CORP; 4.125% 07/15/2023 DD 07/30/18 No. of SHARES - 300,000	299,592	312,030
SABAL TRAIL TRANSMISSION 144A	FIXED INCOME; CORP; 4.682% 05/01/2038 DD 04/30/18 No. of SHARES - 400,000	406,852	419,228
SABAL TRAIL TRANSMISSION 144A	FIXED INCOME; CORP; 4.832% 05/01/2048 DD 04/30/18 No. of SHARES - 385,000	398,448	405,201
SAUDI ARABIAN OIL CO 144A	FIXED INCOME; CORP; 4.375% 04/16/2049 DD 04/16/19 No. of SHARES - 200,000	191,830	197,992
SINOPEC GROUP OVERSEAS DE 144A	FIXED INCOME; CORP; 4.125% 09/12/2025 DD 09/12/18 No. of SHARES - 900,000	895,995	945,558
SYNGENTA FINANCE NV 144A	FIXED INCOME; CORP; 5.182% 04/24/2028 DD 04/24/18 No. of SHARES - 400,000	400,000	403,836
TEACHERS INSURANCE & ANNU 144A	FIXED INCOME; CORP; 4.270% 05/15/2047 DD 05/08/17 No. of SHARES - 1,295,000	1,349,507	1,390,662
TENCENT HOLDINGS LTD 144A	FIXED INCOME; CORP; 3.975% 04/11/2029 DD 04/11/19 No. of SHARES - 1,400,000	1,399,538	1,404,508
TENCENT HOLDINGS LTD 144A	FIXED INCOME; CORP; VAR RT 04/11/2024 DD 04/11/19 No. of SHARES - 1,000,000	1,000,000	995,190
TEXAS EASTERN TRANSMISSIO 144A	FIXED INCOME; CORP; 4.150% 01/15/2048 DD 01/09/18 No. of SHARES - 140,000	136,284	142,261
WOODSIDE FINANCE LTD 144A	FIXED INCOME; CORP; 4.500% 03/04/2029 DD 03/04/19 No. of SHARES - 400,000	399,268	415,876
MICROSOFT CORP	FIXED INCOME; CORP; 4.000% 02/12/2055 DD 02/12/15 No. of SHARES - 365,000	377,206	394,529
EPR PROPERTIES	FIXED INCOME; CORP; 4.500% 06/01/2027 DD 05/23/17 No. of SHARES - 700,000	695,751	721,329
HEALTHCARE TRUST OF AMERICA HO	FIXED INCOME; CORP; 2.950% 07/01/2022 DD 06/08/17 No. of SHARES - 300,000	299,814	300,558
REGENCY CENTERS LP	FIXED INCOME; CORP; 4.400% 02/01/2047 DD 01/26/17 No. of SHARES - 80,000	81,306	83,885
REGENCY CENTERS LP	FIXED INCOME; CORP; 4.650% 03/15/2049 DD 03/06/19 No. of SHARES - 325,000	343,538	353,444
SIMON PROPERTY GROUP LP	FIXED INCOME; CORP; 4.750% 03/15/2042 DD 03/13/12 No. of SHARES - 595,000	662,586	676,521
SIMON PROPERTY GROUP LP	FIXED INCOME; CORP; 4.250% 10/01/2044 DD 09/10/14 No. of SHARES - 30,000	31,369	31,789
AUTONATION INC	FIXED INCOME; CORP; 3.500% 11/15/2024 DD 11/10/17 No. of SHARES - 700,000	699,132	686,868

HOME DEPOT INC/THE	FIXED INCOME; CORP; 4.875% 02/15/2044 DD 09/10/13 No. of SHARES - 605,000	689,670	701,667
HOME DEPOT INC/THE	FIXED INCOME; CORP; 3.900% 06/15/2047 DD 06/05/17 No. of SHARES - 405,000	406,543	417,996
HOME DEPOT INC/THE	FIXED INCOME; CORP; 4.500% 12/06/2048 DD 12/06/18 No. of SHARES - 4,595,000	5,040,945	5,146,676
LOWE'S COS INC	FIXED INCOME; CORP; 4.375% 09/15/2045 DD 09/16/15 No. of SHARES - 335,000	330,417	335,211
LOWE'S COS INC	FIXED INCOME; CORP; 4.550% 04/05/2049 DD 04/05/19 No. of SHARES - 2,050,000	2,047,848	2,071,607
LOWE'S COS INC	FIXED INCOME; CORP; 4.550% 04/05/2049 DD 04/05/19 No. of SHARES - 260,000	259,727	262,740
MCDONALD'S CORP	FIXED INCOME; CORP; 4.600% 05/26/2045 DD 05/26/15 No. of SHARES - 625,000	647,769	671,419
MCDONALD'S CORP	FIXED INCOME; CORP; 4.450% 03/01/2047 DD 03/09/17 No. of SHARES - 2,035,000	2,095,440	2,129,587
MCDONALD'S CORP	FIXED INCOME; CORP; 3.800% 04/01/2028 DD 03/16/18 No. of SHARES - 400,000	398,004	419,160
MCDONALD'S CORP	FIXED INCOME; CORP; VAR RT 10/28/2021 DD 05/22/18 No. of SHARES - 500,000	500,000	499,670
STARBUCKS CORP	FIXED INCOME; CORP; 4.450% 08/15/2049 DD 05/13/19 No. of SHARES - 1,100,000	1,098,064	1,129,425
TARGET CORP	FIXED INCOME; CORP; 4.000% 07/01/2042 DD 06/26/12 No. of SHARES - 445,000	452,770	462,595
WALMART INC	FIXED INCOME; CORP; 3.950% 06/28/2038 DD 06/27/18 No. of SHARES - 385,000	401,255	411,253
WALMART INC	FIXED INCOME; CORP; 4.050% 06/29/2048 DD 06/27/18 No. of SHARES - 5,035,000	5,293,799	5,467,960
WALMART INC	FIXED INCOME; CORP; 4.050% 06/29/2048 DD 06/27/18 No. of SHARES - 700,000	737,368	760,193
MICROSOFT CORP	FIXED INCOME; CORP; 3.750% 02/12/2045 DD 02/12/15 No. of SHARES - 170,000	171,176	176,897
MICROSOFT CORP	FIXED INCOME; CORP; 3.500% 02/12/2035 DD 02/12/15 No. of SHARES - 135,000	136,249	139,223
INTERNATIONAL BUSINESS MACHINE	FIXED INCOME; CORP; 3.300% 05/15/2026 DD 05/15/19 No. of SHARES - 600,000	598,884	607,194
INTEL CORP	FIXED INCOME; CORP; 3.734% 12/08/2047 DD 06/08/18 No. of SHARES - 395,000	382,747	393,902
INTEL CORP	FIXED INCOME; CORP; 4.000% 12/15/2032 DD 12/11/12 No. of SHARES - 320,000	343,843	340,125
HEWLETT PACKARD ENTERPRISE CO	FIXED INCOME; CORP; VAR RT 10/05/2021 DD 09/19/18 No. of SHARES - 1,000,000	1,000,000	1,000,260
BROADCOM CORP / BROADCOM CAYMAN FINANCE LIMITED	FIXED INCOME; CORP; 3.125% 01/15/2025 DD 10/17/17 No. of SHARES - 200,000	199,944	190,876
BROADCOM CORP / BROADCOM CAYMAN FINANCE LIMITED	FIXED INCOME; CORP; 3.875% 01/15/2027 DD 01/15/18 No. of SHARES - 100,000	94,915	95,096

APPLE INC	FIXED INCOME; CORP; 2.900% 09/12/2027 DD 09/12/17 No. of SHARES - 1,500,000	1,498,320	1,498,770
APPLE INC	FIXED INCOME; CORP; 3.850% 08/04/2046 DD 08/04/16 No. of SHARES - 270,000	267,918	272,225
APPLE INC	FIXED INCOME; CORP; 4.650% 02/23/2046 DD 02/23/16 No. of SHARES - 915,000	1,010,977	1,038,068
APPLE INC	FIXED INCOME; CORP; 4.500% 02/23/2036 DD 02/23/16 No. of SHARES - 270,000	298,831	302,891
APPLE INC	FIXED INCOME; CORP; 3.450% 02/09/2045 DD 02/09/15 No. of SHARES - 500,000	463,040	473,365
APPLE INC	FIXED INCOME; CORP; 3.850% 05/04/2043 DD 05/03/13 No. of SHARES - 865,000	855,952	876,634
ACTIVISION BLIZZARD INC	FIXED INCOME; CORP; 3.400% 06/15/2027 DD 05/26/17 No. of SHARES - 700,000	695,569	695,443
ALABAMA POWER CO	FIXED INCOME; CORP; 4.150% 08/15/2044 DD 08/26/14; No. of SHARES - 2,085,000	2,154,514	2,207,515
STORA ENSO OYJ REGS	FIXED INCOME; CORP;2.500% 03/21/2028; No. of SHARES - 700,000	838,845	805,921
INTEREST RATE SWAPS, CREDIT DEFAULT SWAPS, INFLATION SWAPS, ZERO COUPON SWAPS	FIXED INCOME; CORP; VARIBLE INTEREST RATES AND MATURITY DATES	1,284,563	(4,048,012)
		$3,098,685,223	$3,324,560,227

Schedule SB Attachment (Form 5500)—June 1, 2018 Plan Year
Parker-Hannifin Consolidated Pension Plan - A
EIN: 34-0451060 PN: 001

Schedule SB, line 32—Schedule of Amortization Bases

Type of Base	Present Value of Installment	Date Established	Years Remaining	Amortization Installment
Shortfall	$ 3,618,447	Varies, from Merger	4	$ 957,436
Shortfall	$ 26,941,016	Varies, from Merger	5	$ 5,810,324
Shortfall	$ 89,929,048	Varies, from Merger	6	$ 16,649,954
Shortfall	$ 8,978,343	Varies, from Merger	7	$ 1,465,713
Shortfall	$ (57,418,494)	June 1, 2018	7	$ (9,373,560)

Schedule SB Attachment (Form 5500)—June 1, 2018 Plan Year
Parker-Hannifin Consolidated Pension Plan - A
EIN: 34-0451060 PN: 001

Schedule SB, line 25—Change in Method

The funding valuation reflects the following method changes, which were approved by the IRS on May 29, 2019:

- Valuation Date: June 1.
- Interest Rate Assumption: the three segment interest rates using a four-month lookback (February since 6/1 valuation date).
- Asset Method: smoothed fair market value of assets over the current and prior two years, adjusted for contributions, benefit payments, administrative expenses, and expected earnings. The average value is calculated in this manner is further limited to not less than 90% nor more than 110% of fair market value.
  - After the merger, historical asset values, cash flows, and expected earnings for each plan will be combined as outlined in the approval letter.
  - For any determination date prior to the merger dates, the information will be separately determined for each of the legacy plans and then totaled.
  - The historical expected earnings for each plan will be based upon the individual assumed earnings rate that applied for that plan (limited to the 3rd segment rate for the plan year containing that period).
  - Receivable contributions for each plan will be discounted based upon the effective interest rate for that plan.
- Amortization Bases: After the mergers, the surviving Plan will maintain all shortfall bases from the disappearing plans.
- Funding Standard Carryover Balance and Prefunding Balance: After the mergers, the surviving Plan will maintain all balances from the disappearing plans. None of the plans have a funding standard carryover balance.
  - The Prefunding Balance will be brought forward with the rate of return on assets for the merged plan from the last calculation date to June 1, 2018 and then combined.

Schedule SB Attachment (Form 5500)—June 1, 2018 Plan Year
Parker-Hannifin Consolidated Pension Plan - A
EIN: 34-0451060 PN: 001

Schedule SB, line 24—Change in Actuarial Assumptions

The funding valuation reflects the following non-prescribed assumption changes:

- A change in decrement timing for legacy PECO from beginning of year to middle of year.
- A change in the assumed percent married for legacy CLARCOR and legacy PECO to 85% of males are assumed to be married and 50% of females are assumed to be married.
- A change in the TV Retirement age for legacy CLARCOR and legacy PECO to age 62.
- A change in the unlimited expected return on assets to 7.00% for the 2018 plan year.

The changes were made to better reflect anticipated plan experience. The funding assumption changes did not reduce the funding shortfall more than the thresholds stated under section 430(h)(5), so approval of the Commissioner is not required.