

<p><b>Form 5500</b></p> <p>Department of the Treasury Internal Revenue Service</p> <hr/> <p>Department of Labor Employee Benefits Security Administration</p> <hr/> <p>Pension Benefit Guaranty Corporation</p>	<p><b>Annual Return/Report of Employee Benefit Plan</b></p> <p>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).</p> <p>▶ <b>Complete all entries in accordance with the instructions to the Form 5500.</b></p>	<p>OMB Nos. 1210-0110 1210-0089</p> <hr/> <p style="font-size: 24pt; font-weight: bold;">2022</p> <hr/> <p><b>This Form is Open to Public Inspection</b></p>
---	---	--

**Part I Annual Report Identification Information**  
For calendar plan year 2022 or fiscal plan year beginning 01/01/2023 and ending 09/28/2023

**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.)  
 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:  Form 5558  automatic extension  the DFVC program  
 special extension (enter description)

**E** If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. . . . . ▶

**Part II Basic Plan Information**—enter all requested information

<p><b>1a</b> Name of plan  <u>NCI/JC PENSION PLAN FOR BARGAINING UNIT EMPLOYEES</u></p>	<p><b>1b</b> Three-digit plan number (PN) ▶ <u>004</u></p>
<p><b>2a</b> 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)  <u>NYRSTAR CLARKSVILLE INC.</u></p> <p><u>1800 ZINC PLANT ROAD</u>  <u>CLARKSVILLE, TN 37040</u></p>	<p><b>1c</b> Effective date of plan  <u>06/16/1989</u></p> <p><b>2b</b> Employer Identification Number (EIN)  <u>52-1056429</u></p> <p><b>2c</b> Plan Sponsor's telephone number  <u>931-552-4200</u></p> <p><b>2d</b> Business code (see instructions)  <u>212200</u></p>

**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.

<b>SIGN HERE</b>	Filed with authorized/valid electronic signature.	11/17/2023	LISA HOUSTON
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
<b>SIGN HERE</b>			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
<b>SIGN HERE</b>			
	Signature of DFE	Date	Enter name of individual signing as DFE

<b>3a</b> Plan administrator's name and address <input checked="" type="checkbox"/> Same as Plan Sponsor	<b>3b</b> Administrator's EIN  <b>3c</b> Administrator's telephone number
<b>4</b> 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: <b>a</b> Sponsor's name <b>c</b> Plan Name	<b>4b</b> EIN  <b>4d</b> PN
<b>5</b> Total number of participants at the beginning of the plan year	<b>5</b> 13
<b>6</b> Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines <b>6a(1)</b> , <b>6a(2)</b> , <b>6b</b> , <b>6c</b> , and <b>6d</b> ).  <b>a(1)</b> Total number of active participants at the beginning of the plan year ..... <b>a(2)</b> Total number of active participants at the end of the plan year .....  <b>b</b> Retired or separated participants receiving benefits ..... <b>c</b> Other retired or separated participants entitled to future benefits..... <b>d</b> Subtotal. Add lines <b>6a(2)</b> , <b>6b</b> , and <b>6c</b> ..... <b>e</b> Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. .... <b>f</b> Total. Add lines <b>6d</b> and <b>6e</b> .....  <b>g</b> Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....  <b>h</b> Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....	<b>6a(1)</b> 0 <b>6a(2)</b> 0 <b>6b</b> 0 <b>6c</b> 0 <b>6d</b> 0 <b>6e</b> 0 <b>6f</b> 0  <b>6g</b>  <b>6h</b>
<b>7</b> Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item) .....	<b>7</b>
<b>8a</b> If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 1A 3H  <b>b</b> If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:	
<b>9a</b> Plan funding arrangement (check all that apply) (1) <input type="checkbox"/> Insurance (2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts (3) <input checked="" type="checkbox"/> Trust (4) <input type="checkbox"/> General assets of the sponsor	<b>9b</b> Plan benefit arrangement (check all that apply) (1) <input type="checkbox"/> Insurance (2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts (3) <input checked="" type="checkbox"/> Trust (4) <input type="checkbox"/> General assets of the sponsor
<b>10</b> Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)	
<b>a Pension Schedules</b> (1) <input checked="" type="checkbox"/> <b>R</b> (Retirement Plan Information)  (2) <input type="checkbox"/> <b>MB</b> (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary  (3) <input checked="" type="checkbox"/> <b>SB</b> (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	<b>b General Schedules</b> (1) <input type="checkbox"/> <b>H</b> (Financial Information) (2) <input checked="" type="checkbox"/> <b>I</b> (Financial Information – Small Plan) (3) <input type="checkbox"/> <b>0 A</b> (Insurance Information) (4) <input checked="" type="checkbox"/> <b>C</b> (Service Provider Information) (5) <input type="checkbox"/> <b>D</b> (DFE/Participating Plan Information) (6) <input type="checkbox"/> <b>G</b> (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 2022 Form M-1 annual report. If the plan was not required to file the 2022 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 \_\_\_\_\_

---

<b>SCHEDULE SB</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Single-Employer Defined Benefit Plan</b> <b>Actuarial Information</b>  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).  <b>▶ File as an attachment to Form 5500 or 5500-SF.</b>	<small>OMB No. 1210-0110</small>  <b>2022</b>  <b>This Form is Open to Public Inspection</b>
---	--	--

For calendar plan year 2022 or fiscal plan year beginning 01/01/2023 and ending 09/28/2023

▶ **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.

<b>A</b> Name of plan <u>NCI/JC PENSION PLAN FOR BARGAINING UNIT EMPLOYEES</u>	<b>B</b> Three-digit plan number (PN) ▶	<u>004</u>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>NYRSTAR CLARKSVILLE INC.</u>	<b>D</b> Employer Identification Number (EIN) <u>52-1056429</u>	
<b>E</b> Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B	<b>F</b> Prior year plan size: <input type="checkbox"/> 100 or fewer <input type="checkbox"/> 101-500 <input checked="" type="checkbox"/> More than 500	

<b>Part I Basic Information</b>			
<b>1</b> Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2023</u>			
<b>2</b> Assets:			
<b>a</b> Market value.....	<b>2a</b>	<u>159576</u>	
<b>b</b> Actuarial value.....	<b>2b</b>	<u>175533</u>	
<b>3</b> Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
<b>a</b> For retired participants and beneficiaries receiving payment.....	<u>12</u>	<u>203684</u>	<u>203684</u>
<b>b</b> For terminated vested participants.....	<u>1</u>	<u>15347</u>	<u>15347</u>
<b>c</b> For active participants.....	<u>0</u>	<u>0</u>	<u>0</u>
<b>d</b> Total.....	<u>13</u>	<u>219031</u>	<u>219031</u>
<b>4</b> If the plan is in at-risk status, check the box and complete lines (a) and (b)..... <input type="checkbox"/>			
<b>a</b> Funding target disregarding prescribed at-risk assumptions.....	<b>4a</b>		
<b>b</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.....	<b>4b</b>		
<b>5</b> Effective interest rate.....	<b>5</b>	<u>4.99 %</u>	
<b>6</b> Target normal cost.....			
<b>a</b> Present value of current plan year accruals.....	<b>6a</b>	<u>0</u>	
<b>b</b> Expected plan-related expenses.....	<b>6b</b>	<u>8000</u>	
<b>c</b> Total (line 6a + line 6b).....	<b>6c</b>	<u>8000</u>	

**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.

<b>SIGN HERE</b>		
	Signature of actuary	<u>11/03/2023</u> Date
	<u>NOEL WHITEHURST</u> Type or print name of actuary	<u>23-08164</u> Most recent enrollment number
	<u>USI CONSULTING GROUP</u> Firm name	<u>629-895-7862</u> Telephone number (including area code)
	<u>5301 VIRGINIA WAY, SUITE 400 BRENTWOOD, TN 37027</u> 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

<b>Part II Beginning of Year Carryover and Prefunding Balances</b>		(a) Carryover balance	(b) Prefunding balance
<b>7</b>	Balance at beginning of prior year after applicable adjustments (line 13 from prior year).....	0	0
<b>8</b>	Portion elected for use to offset prior year's funding requirement (line 35 from prior year) .....	0	0
<b>9</b>	Amount remaining (line 7 minus line 8) .....	0	0
<b>10</b>	Interest on line 9 using prior year's actual return of <u>-14.91</u> % .....	0	0
<b>11</b>	Prior year's excess contributions to be added to prefunding balance:		
	<b>a</b> Present value of excess contributions (line 38a from prior year).....		3197
	<b>b(1)</b> 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 <u>5.14</u> %.....		164
	<b>b(2)</b> Interest on line 38b from prior year Schedule SB, using prior year's actual return .....		0
	<b>c</b> Total available at beginning of current plan year to add to prefunding balance.....		3361
	<b>d</b> Portion of (c) to be added to prefunding balance.....		0
<b>12</b>	Other reductions in balances due to elections or deemed elections.....	0	0
<b>13</b>	Balance at beginning of current year (line 9 + line 10 + line 11d - line 12).....	0	0

<b>Part III Funding Percentages</b>			
<b>14</b>	Funding target attainment percentage .....	<b>14</b>	80.14 %
<b>15</b>	Adjusted funding target attainment percentage .....	<b>15</b>	80.14 %
<b>16</b>	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement.....	<b>16</b>	94.13 %
<b>17</b>	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage. ....	<b>17</b>	%

<b>Part IV Contributions and Liquidity Shortfalls</b>		<b>18 Contributions made to the plan for the plan year by employer(s) and employees:</b>					
(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		
04/25/2023	4000	0					
07/20/2023	5000	0					
08/07/2023	67079	0					
			<b>Totals ▶</b>	<b>18(b)</b>	76079	<b>18(c)</b>	0

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

<b>a</b> Contributions allocated toward unpaid minimum required contributions from prior years.....	<b>19a</b>	0
<b>b</b> Contributions made to avoid restrictions adjusted to valuation date. ....	<b>19b</b>	0
<b>c</b> Contributions allocated toward minimum required contribution for current year adjusted to valuation date. ....	<b>19c</b>	74002

**20** Quarterly contributions and liquidity shortfalls:

**a** Did the plan have a "funding shortfall" for the prior year?  Yes  No

**b** If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner?  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:

<b>a</b> Segment rates:	1st segment: 4.75 %	2nd segment: 5.00 %	3rd segment: 5.74 %	<input type="checkbox"/> 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)  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** Demographic and benefit information

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

**b** Is the plan required to provide a projection of expected benefit payments? 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**

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

**Part VIII Minimum Required Contribution For Current Year**

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

<b>a</b> Target normal cost (line 6c).....	<b>31a</b>	8000
<b>b</b> Excess assets, if applicable, but not greater than line 31a .....	<b>31b</b>	0

<b>32</b> Amortization installments:	Outstanding Balance	Installment
<b>a</b> Net shortfall amortization installment .....	43498	4283
<b>b</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**

<b>34</b> Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)....	<b>34</b>	12283
--	-----------	-------

	Carryover balance	Prefunding balance	Total balance
<b>35</b> Balances elected for use to offset funding requirement.....	0	0	0

<b>36</b> Additional cash requirement (line 34 minus line 35).....	<b>36</b>	12283
--	-----------	-------

<b>37</b> Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c).....	<b>37</b>	74002
--	-----------	-------

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

<b>a</b> Total (excess, if any, of line 37 over line 36)	<b>38a</b>	61719
<b>b</b> Portion included in line 38a attributable to use of prefunding and funding standard carryover balances .....	<b>38b</b>	0

<b>39</b> Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37).....	<b>39</b>	0
<b>40</b> Unpaid minimum required contributions for all years.....	<b>40</b>	0

**Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)**

**41** If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies.  2019  2020  2021

**SCHEDULE C  
(Form 5500)**

Department of the Treasury  
Internal Revenue Service

Department of Labor  
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

**Service Provider 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

**2022**

**This Form is Open to Public Inspection.**

For calendar plan year 2022 or fiscal plan year beginning **01/01/2023** and ending **09/28/2023**

<b>A</b> Name of plan <b>NCI/JC PENSION PLAN FOR BARGAINING UNIT EMPLOYEES</b>	<b>B</b> Three-digit plan number (PN) ▶	<b>004</b>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <b>NYRSTAR CLARKSVILLE INC.</b>	<b>D</b> Employer Identification Number (EIN) <b>52-1056429</b>	

**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

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

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

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

---

---

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

---

---

---

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

---

---

---

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

---

---

---

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

---

---

---

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

---

---

---

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

---

---

---

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

---

---

---

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

---

**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)

GLOBAL RETIREMENT PARTNERS

47-1411118

(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 28	NONE	15000	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

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

USI CONSULTING GROUP

06-1053228

(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 15 17	NONE	9688	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

(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 <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

**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.

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

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

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

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

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

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

<b>(a)</b> Enter name and EIN or address of service provider (see instructions)	<b>(b)</b> Nature of Service Code(s)	<b>(c)</b> 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)

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>SCHEDULE I</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Financial Information—Small Plan</b>  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).  <b>▶ File as an attachment to Form 5500.</b>	<small>OMB No. 1210-0110</small>  <b>2022</b>  <b>This Form is Open to Public Inspection</b>
--	---	--

For calendar plan year 2022 or fiscal plan year beginning **01/01/2023** and ending **09/28/2023**

<b>A</b> Name of plan <b>NCI/JC PENSION PLAN FOR BARGAINING UNIT EMPLOYEES</b>	<b>B</b> Three-digit plan number (PN) ▶ <b>004</b>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <b>NYRSTAR CLARKSVILLE INC.</b>	<b>D</b> Employer Identification Number (EIN) <b>52-1056429</b>

Complete Schedule I if the plan covered fewer than 100 participants as of the beginning of the plan year. You may also complete Schedule I if you are filing as a small plan under the 80-120 participant rule (see instructions). Complete Schedule H if reporting as a large plan or DFE.

**Part I Small Plan Financial Information**

Report below the current value of assets and liabilities, income, expenses, transfers and changes in net assets during the plan year. Combine the value of plan assets held in more than one trust. Do not enter the value of the portion of an insurance contract that guarantees during this plan year to pay a specific dollar benefit at a future date. 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.**

		(a) Beginning of Year	(b) End of Year
<b>1 Plan Assets and Liabilities:</b>			
<b>a</b> Total plan assets .....	<b>1a</b>	159576	0
<b>b</b> Total plan liabilities .....	<b>1b</b>		
<b>c</b> Net plan assets (subtract line 1b from line 1a).....	<b>1c</b>	159576	0
<b>2 Income, Expenses, and Transfers for this Plan Year:</b>		(a) Amount	(b) Total
<b>a</b> Contributions received or receivable:			
<b>(1)</b> Employers.....	<b>2a(1)</b>	76079	
<b>(2)</b> Participants.....	<b>2a(2)</b>		
<b>(3)</b> Others (including rollovers).....	<b>2a(3)</b>		
<b>b</b> Noncash contributions.....	<b>2b</b>		
<b>c</b> Other income.....	<b>2c</b>	3986	
<b>d</b> Total income (add lines 2a(1), 2a(2), 2a(3), 2b, and 2c).....	<b>2d</b>		80065
<b>e</b> Benefits paid (including direct rollovers).....	<b>2e</b>	214683	
<b>f</b> Corrective distributions (see instructions).....	<b>2f</b>		
<b>g</b> Certain deemed distributions of participant loans (see instructions).....	<b>2g</b>		
<b>h</b> Administrative service providers (salaries, fees, and commissions).....	<b>2h</b>	24958	
<b>i</b> Other expenses.....	<b>2i</b>		
<b>j</b> Total expenses (add lines 2e, 2f, 2g, 2h, and 2i).....	<b>2j</b>		239641
<b>k</b> Net income (loss) (subtract line 2j from line 2d).....	<b>2k</b>		-159576
<b>l</b> Transfers to (from) the plan (see instructions).....	<b>2l</b>		

**3 Specific Assets:** If the plan held assets at any time during the plan year in any of the following categories, check "Yes" and enter the current value of any assets remaining in the plan as of the end of the plan year. Allocate the value of the plan's interest in a commingled trust containing the assets of more than one plan on a line-by-line basis unless the trust meets one of the specific exceptions described in the instructions.

		Yes	No	Amount
<b>a</b> Partnership/joint venture interests .....	<b>3a</b>		X	
<b>b</b> Employer real property .....	<b>3b</b>		X	
<b>c</b> Real estate (other than employer real property) .....	<b>3c</b>		X	
<b>d</b> Employer securities .....	<b>3d</b>		X	
<b>e</b> Participant loans.....	<b>3e</b>		X	
<b>f</b> Loans (other than to participants) .....	<b>3f</b>		X	
<b>g</b> Tangible personal property.....	<b>3g</b>		X	

**Part II Compliance Questions**

	Yes	No	Amount
<b>4 During the plan year:</b>			
<b>a</b> 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.) .....	<b>4a</b>	X	
<b>b</b> Were any loans by the plan or fixed income obligations due the plan in default as of the close of plan year or classified during the year as uncollectible? Disregard participant loans secured by the participant's account balance. ....	<b>4b</b>	X	
<b>c</b> Were any leases to which the plan was a party in default or classified during the year as uncollectible? .....	<b>4c</b>	X	
<b>d</b> Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a.) .....	<b>4d</b>	X	
<b>e</b> Was the plan covered by a fidelity bond? .....	<b>4e</b>	X	2000000
<b>f</b> Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty? .....	<b>4f</b>	X	
<b>g</b> 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? .....	<b>4g</b>	X	
<b>h</b> 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?.....	<b>4h</b>	X	
<b>i</b> Did the plan at any time hold 20% or more of its assets in any single security, debt, mortgage, parcel of real estate, or partnership/joint venture interest? .....	<b>4i</b>	X	159001
<b>j</b> Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC? .....	<b>4j</b>	X	
<b>k</b> Are you claiming a waiver of the annual examination and report of an independent qualified public accountant (IQPA) under 29 CFR 2520.104-46? If "No," attach an IQPA's report or 2520.104-50 statement. (See instructions on waiver eligibility and conditions.) .....	<b>4k</b>	X	
<b>l</b> Has the plan failed to provide any benefit when due under the plan? .....	<b>4l</b>	X	
<b>m</b> If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.).....	<b>4m</b>		
<b>n</b> 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.....	<b>4n</b>		

**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 0.

**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** Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) .....  Yes  No  Not determined  
 If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 511677.

<b>SCHEDULE R</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Retirement Plan Information</b>  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).  <b>▶ File as an attachment to Form 5500.</b>	<small>OMB No. 1210-0110</small>  <b>2022</b>  <b>This Form is Open to Public Inspection.</b>
--	---	---

For calendar plan year 2022 or fiscal plan year beginning 01/01/2023 and ending 09/28/2023

<b>A</b> Name of plan <u>NCI/JC PENSION PLAN FOR BARGAINING UNIT EMPLOYEES</u>	<b>B</b> Three-digit plan number (PN) ▶	<u>004</u>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <u>NYRSTAR CLARKSVILLE INC.</u>	<b>D</b> Employer Identification Number (EIN) <u>52-1056429</u>	

<b>Part I</b>	<b>Distributions</b>
---------------	----------------------

**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): 31-0841368

**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	2
---	---

<b>Part II</b>	<b>Funding Information</b> (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.**

<b>6 a</b> Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived).....	<b>6a</b>	
<b>b</b> Enter the amount contributed by the employer to the plan for this plan year.....	<b>6b</b>	
<b>c</b> 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).....	<b>6c</b>	

**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

<b>Part III</b>	<b>Amendments</b>
-----------------	-------------------

**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

<b>Part IV</b>	<b>ESOPs</b> (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 (1) contributed more than 5% of total contributions to the plan during the plan year or (2) was one of the top-ten highest contributors (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 deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:

<b>a</b> The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: <input type="checkbox"/> last contributing employer <input type="checkbox"/> alternative <input type="checkbox"/> reasonable approximation (see instructions for required attachment).....	<b>14a</b>	
<b>b</b> The plan year immediately preceding the current plan year. <input type="checkbox"/> Check the box if the number reported is a change from what was previously reported (see instructions for required attachment) .....	<b>14b</b>	
<b>c</b> The second preceding plan year. <input type="checkbox"/> Check the box if the number reported is a change from what was previously reported (see instructions for required attachment).....	<b>14c</b>	

**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:

<b>a</b> The corresponding number for the plan year immediately preceding the current plan year.....	<b>15a</b>	
<b>b</b> The corresponding number for the second preceding plan year.....	<b>15b</b>	

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

<b>a</b> Enter the number of employers who withdrew during the preceding plan year .....	<b>16a</b>	
<b>b</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.....	<b>16b</b>	

**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: \_\_\_\_\_% Investment-Grade Debt: \_\_\_\_\_% High-Yield Debt: \_\_\_\_\_% Real Estate: \_\_\_\_\_% Other: \_\_\_\_\_%

**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): \_\_\_\_\_

**20 PBGC missed contribution reporting requirements.** If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20.

**a** Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero?  Yes  No

**b** If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:

Yes.

No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.

No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.

No. Other. Provide explanation \_\_\_\_\_



## Schedule SB, Part V – Statement of Actuarial Assumptions and Methods

Withdrawal Rates	Not applicable – No active participants
Disability Rates	Not applicable – No active participants
Rates of Retirement	Not applicable – No active participants
Commencement Dates and Forms of Payment	Inactive participants who are entitled to future benefits are assumed to elect the lump sum form of payment at age 62.
Percentage Married	75% of participants are assumed to be married with husbands assumed to be 3 years older than wives.
Maximum Limitations	The maximum annual benefit limitation and the annual compensation limit are assumed to remain at their current levels.
Asset Method	Funding: Market Value of Assets plus interest adjusted accrued but unpaid contributions as of the valuation date plus an adjustment to defer full recognition of investment losses and gains over a two-year period. The investment (gain)/loss for every year equals the market value at the beginning of the year projected to the end of the year using the interest rate above, but no greater than the third segment rate for the plan year, minus the end of the year actual market value. The actuarial value of assets will be no less than 90% and no more than 110% of the market value (including interest-adjusted accrued but unpaid contributions). Note that due to the regulatory constraint on the interest rate, a characteristic of this asset valuation method is that, over time, it may be more likely to produce an actuarial value of assets that is less than the market value of assets.
Funding Method	Pure Unit Credit  The actuarial liabilities shown in this report are determined using software purchased from an outside vendor which was developed for this purpose. Certain information is entered into this model in order to generate the liabilities. These inputs include economic and non-economic assumptions, plan provisions, and census information. We rely on the coding within the software to value the liabilities using the actuarial methods and assumptions selected. Both the input to and the output from the model is checked for accuracy and reviewed for reasonableness.
Employees Valued	Only participants as of the valuation date were valued.
ASOP 51 Assumptions	No additional assumptions made.



## Schedule SB, Part V – Statement of Actuarial Assumptions and Methods

### Changes in Assumptions and Methods since the Last Actuarial Valuation

The interest rates used for determining the funding target were 4.75%, 5.18% and 5.92%. These rates were updated to the rates required for the current plan year.

The mortality table for the funding target was changed as required under PPA '06.

The explicit assumption for plan expenses was changed from \$15,000 to \$8,000.

### Justification for Changes in Actuarial Assumptions

The change in assumption for plan expenses was made to reflect actual experience.

All other assumption changes were to the prescribed actuarial assumptions or as a result of At-Risk status.



<b>SCHEDULE SB</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Single-Employer Defined Benefit Plan</b> <b>Actuarial Information</b>  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).  <b>▶ File as an attachment to Form 5500 or 5500-SF.</b>	<small>OMB No. 1210-0110</small>  <b>2022</b>  <b>This Form is Open to Public Inspection</b>
---	--	--

For calendar plan year 2022 or fiscal plan year beginning 01/01/2023 and ending 09/28/2023

▶ **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.

<b>A</b> Name of plan NCI/JC PENSION PLAN FOR BARGAINING UNIT EMPLOYEES	<b>B</b> Three-digit plan number (PN) ▶	004
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF NYRSTAR CLARKSVILLE INC.	<b>D</b> Employer Identification Number (EIN) 52-1056429	
<b>E</b> Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B	<b>F</b> Prior year plan size: <input type="checkbox"/> 100 or fewer <input type="checkbox"/> 101-500 <input checked="" type="checkbox"/> More than 500	

<b>Part I Basic Information</b>			
<b>1</b> Enter the valuation date:	Month <u>01</u>	Day <u>01</u>	Year <u>2023</u>
<b>2</b> Assets:			
<b>a</b> Market value .....	<b>2a</b>	159,576	
<b>b</b> Actuarial value .....	<b>2b</b>	175,533	
<b>3</b> Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
<b>a</b> For retired participants and beneficiaries receiving payment .....	12	203,684	203,684
<b>b</b> For terminated vested participants .....	1	15,347	15,347
<b>c</b> For active participants .....	0	0	0
<b>d</b> Total .....	13	219,031	219,031
<b>4</b> If the plan is in at-risk status, check the box and complete lines (a) and (b)..... <input type="checkbox"/>			
<b>a</b> Funding target disregarding prescribed at-risk assumptions .....	<b>4a</b>		
<b>b</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 .....	<b>4b</b>		
<b>5</b> Effective interest rate .....	<b>5</b>	4.99%	
<b>6</b> Target normal cost .....			
<b>a</b> Present value of current plan year accruals .....	<b>6a</b>	0	
<b>b</b> Expected plan-related expenses .....	<b>6b</b>	8,000	
<b>c</b> Total (line 6a + line 6b) .....	<b>6c</b>	8,000	

**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.

<b>SIGN HERE</b>	Noel Whitehurst	11/03/2023 Date
	Signature of actuary	2308164 Most recent enrollment number
	NOEL WHITEHURST Type or print name of actuary	629-895-7862 Telephone number (including area code)
	USI CONSULTING GROUP Firm name	
	5301 VIRGINIA WAY, SUITE 400 BRENTWOOD TN 37027 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



<b>Part V Assumptions Used to Determine Funding Target and Target Normal Cost</b>				
<b>21</b> Discount rate:				
<b>a</b> Segment rates:	1st segment: 4.75 %	2nd segment: 5.00 %	3rd segment: 5.74 %	<input type="checkbox"/> N/A, full yield curve used
<b>b</b> Applicable month (enter code) .....				<b>21b</b> 4
<b>22</b> Weighted average retirement age .....				<b>22</b> 62
<b>23</b> Mortality table(s) (see instructions)	<input type="checkbox"/> Prescribed - combined <input checked="" type="checkbox"/> Prescribed - separate <input type="checkbox"/> Substitute			

<b>Part VI Miscellaneous Items</b>				
<b>24</b> Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment.....	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
<b>25</b> Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment.....	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
<b>26</b> Demographic and benefit information				
<b>a</b> Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.....	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
<b>b</b> Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment ...	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
<b>27</b> If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment.....				<b>27</b>

<b>Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years</b>				
<b>28</b> Unpaid minimum required contributions for all prior years .....				<b>28</b> 0
<b>29</b> Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a).....				<b>29</b> 0
<b>30</b> Remaining amount of unpaid minimum required contributions (line 28 minus line 29).....				<b>30</b> 0

<b>Part VIII Minimum Required Contribution For Current Year</b>				
<b>31</b> Target normal cost and excess assets (see instructions):				
<b>a</b> Target normal cost (line 6c) .....				<b>31a</b> 8,000
<b>b</b> Excess assets, if applicable, but not greater than line 31a .....				<b>31b</b> 0
<b>32</b> Amortization installments:	Outstanding Balance		Installment	
<b>a</b> Net shortfall amortization installment .....	43,498		4,283	
<b>b</b> Waiver amortization installment.....	0		0	
<b>33</b> 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 .....				<b>33</b>
<b>34</b> Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33).....				<b>34</b> 12,283
	Carryover balance	Prefunding balance	Total balance	
<b>35</b> Balances elected for use to offset funding requirement .....	0	0	0	
<b>36</b> Additional cash requirement (line 34 minus line 35) .....				<b>36</b> 12,283
<b>37</b> Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c) .....				<b>37</b> 74,002
<b>38</b> Present value of excess contributions for current year (see instructions)				
<b>a</b> Total (excess, if any, of line 37 over line 36)				<b>38a</b> 61,719
<b>b</b> Portion included in line 38a attributable to use of prefunding and funding standard carryover balances.....				<b>38b</b> 0
<b>39</b> Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37) .....				<b>39</b> 0
<b>40</b> Unpaid minimum required contributions for all years .....				<b>40</b> 0

<b>Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)</b>				
<b>41</b> If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies. <input type="checkbox"/> 2019 <input type="checkbox"/> 2020 <input checked="" type="checkbox"/> 2021				

**Schedule SB, Line 22 – Description of Weighted Average Retirement Age**

The weighted average retirement age is not applicable since there are no active participants in the plan. The normal retirement age of 62 has been entered on line 22 of the Schedule SB.

NCI/JC Pension Plan For Bargaining Unit Employees

EIN: 52-1056429    PN: 004    Plan Year End: 9-28-2023

Schedule SB, Line 19 – Discounted Employer Contributions

Date Contribution Was Due	Date Contribution Was Made	Amount	Year Applied	Effective Rate	Late Quarterly Rate	Interest Adjusted Contribution
4/15/2023	4/25/2023	2,764	2023	4.99%	9.99%	2,718
	4/25/2023	1,236	2023	4.99%	N/A	1,216
7/15/2023	7/20/2023	1,528	2023	4.99%	9.99%	1,486
	7/20/2023	3,472	2023	4.99%	N/A	3,382
	8/7/2023	67,079	2023	4.99%	N/A	65,200

**Total:            76,079**

**Total:    74,002**

## Sch SB, Part V – Summary of Principal Plan Provisions

Plan Sponsor	Nyrstar Clarksville Inc.
EIN/PN	52-1056429/004
Effective Date	June 16, 1989; amended and restated effective January 1, 2015
Plan Year	The 12-month period beginning each January 1.
Eligibility	Each employee is eligible to become a participant in the plan on the day he both completes one year of continuous service and attains age twenty-one.
Accrual and Vesting Service	Service credited for accrual and vesting purposes means the period of time between the participant's date of hire and the time he terminates employment.
Normal Retirement	<p><u>Condition:</u></p> <p>The normal retirement date of a participant is the later of the participant's 65th birthday and the date he completes 5 years of continuous service.</p> <p><u>Benefit</u></p> <p>The participant's normal retirement benefit, which is payable monthly for life, is computed as the larger of (i) and (ii) as follows:</p> <ul style="list-style-type: none"><li>(i) (a) for service earned before January 1, 1992:<ul style="list-style-type: none"><li>(1) an amount determined for the first 15 years of a participant's service that is equal to \$13.50 per month multiplied by the number of those years earned, plus</li><li>(2) an amount determined for the 16th through the 30th years of a participant's service that is equal to \$15.00 per month multiplied by the number of those years earned, plus</li><li>(3) an amount determined for the years of a participant's service in excess of 30 years that is equal to \$16.50 per month multiplied by the number of those years earned.</li></ul></li><li>(b) for service earned after January 1, 1992, \$16.50 per month multiplied by years of service earned after January 1, 1992.</li></ul>

## Sch SB, Part V – Summary of Principal Plan Provisions

- (ii) (a) 1.1% multiplied by the total number of years of service plus .1% multiplied by the number of years of service in excess of 30, multiplied by
- (b) average monthly earnings, multiplied by
- (c) 1.05.

This benefit determined above may not exceed the following amount:

- (i) 70% plus 1% multiplied by the years of service in excess of 15, multiplied by
- (ii) average monthly earnings (for the highest 2 of the last 10 complete calendar years), less
- (iii) the monthly Social Security Benefit at the earliest eligibility date.

However, the resulting benefit may not be less than the following amount:

- (i) an amount determined for the first 15 years of a participant's service that is equal to \$10.00 per month multiplied by those years earned, plus
- (ii) an amount determined for the 16th through the 30th years of a participant's service that is equal to \$11.00 per month multiplied by those years earned, plus
- (iii) an amount determined for the years of a participant's service in excess of 30 years that is equal to \$12.00 per month multiplied by those years earned.

This monthly benefit commences on the first day of the fourth month following the participant's normal retirement date. In addition, the participant will be paid a single sum benefit as of his normal retirement date. This single sum benefit is determined as 13 multiplied by the participant's "adjusted vacation pay"; this result is adjusted vacation pay the participant is entitled to receive in the year of retirement.

"Average Monthly Earnings" is determined by averaging the monthly earnings of a participant for the highest 60 consecutive calendar months during the last 120 consecutive calendar months of continuous service prior to retirement, except where noted otherwise.

"Years of Service" include fractions of years determined to the nearest month.

Note: Slightly different benefits are payable for employees hired by the Company (or USX) after June 7, 1983.

## Sch SB, Part V – Summary of Principal Plan Provisions

### Early Retirement

Condition:

A participant may retire early after he has attained age 60 and completed 15 years of service or after he has completed 30 years of service.

Benefit:

The benefit, which commences immediately upon early retirement, is computed as for Normal Retirement above, but is based on service and average earnings as of his date of termination. In the event the participant has less than 30 years of service and elects to receive his benefit prior to age 62, his benefit shall be reduced.

### Postponed Retirement

Condition:

A participant may postpone retirement beyond his normal retirement age.

Benefit:

The participant's postponed retirement benefit which commences on the first day of the first month after retirement is computed as in the same manner as for Normal Retirement but is based on service and average earnings as of his actual retirement date.

### Disability Retirement

Condition:

A participant who is permanently disabled may retire provided he has completed 15 years of continuous service.

Benefit:

The participant's disability retirement benefit commences on the first day of the seventh month following the date he becomes disabled. The amount of such benefit is determined in the same manner as for Normal Retirement above but is based on service and average earnings as of his date of retirement. However, the participant is not eligible to receive the single sum benefit as described in Normal Retirement. If the participant is not eligible to receive Social Security benefits, he will receive an additional \$300 monthly supplemental benefit. The supplemental disability retirement benefit ceases upon the date he is eligible to receive Social Security benefits.

## Sch SB, Part V – Summary of Principal Plan Provisions

### Death Before Retirement\*

#### Condition:

In the event of the death of a participant (who has been married at least one year) after:

- (1) he completes 15 years of service, and while still actively employed by the employer, or
- (2) after termination of service, if he is eligible for or is already receiving a retirement benefit, other than a deferred vested pension

a monthly survivorship benefit shall be payable to the participant's surviving spouse.

#### Benefit:

The monthly benefit, payable on the first day of the calendar month following the participant's death and continuing for the lifetime of the surviving spouse, is determined as the greater of \$115 a month or 50% of the participant's monthly accrued benefit determined as of his date of death. This payment is reduced when the surviving spouse reaches the earliest age at which widow's or widower's benefits are first provided under Social Security or Railroad Retirement.

\*Other death benefits are provided at direct cost to the participant.

### Shutdown Benefits

#### Condition

A participant may be eligible to retire in the event of a permanent shutdown of a plant, department or subdivision thereof or if he is placed on layoff status provided he has not attained age 62, has completed at least 15 years of service, and meets one of the following two conditions:

- (i) has attained age 55 and whose combined age and years of service equals at least 70, or
- (ii) whose combined age and years of service equals at least 80.

#### Benefit

The participant's benefit, which commences immediately upon permanent shutdown, is computed as for Normal Retirement above, but is based on service and average earnings as of the date of the shutdown. If the participant is not eligible to receive Social Security benefits, he will receive an additional \$300 monthly supplemental benefit. The supplemental benefit ceases upon the date he becomes eligible to receive Social Security benefits.

## Sch SB, Part V – Summary of Principal Plan Provisions

### Termination of Employment After 5 Years of Vesting Service

If a participant terminates his employment after completion of 5 or more years of vesting service, he is entitled to a deferred vested benefit to commence at his normal retirement date. The amount of the benefit is determined in the same manner as for Normal Retirement above but is based on service and average earnings as of his date of termination. The monthly benefit commences upon his 65th birthday. A participant who terminates service and is entitled to a benefit in accordance with this provision is not eligible for the single sum benefit described for Normal Retirement. A participant may choose to begin receiving his benefits as early as age 60 by taking a reduction in the amount of the benefits. However, a participant who has attained age 40 and completed 15 years of service at his date of termination may receive his benefits at age 62 without any reduction.

### Prior Plan Benefits

Until June 16, 1989, participants were covered by the prior plan sponsored by United States Steel Corporation. Benefits accrued as of June 16, 1989 will be paid by the prior plan as participants become eligible. Benefits from the current plan, sponsored by Nyrstar Clarksville Inc., will be reduced by prior plan benefits.

### Other Termination of Employment

If employment is otherwise terminated before retirement, no benefits are provided under the plan.

### Optional Methods of Benefit Payment

Subject to the applicable plan conditions, a participant may select an optional method of benefit payment, in lieu of the prescribed life income, which is actuarially equivalent. The purpose of the optional method is to permit the guarantee of a continued life income to a surviving beneficiary after the death of a participant (for example, 100% of the participant's actuarially reduced retirement income from the plan), or to permit the payment of a lump sum. However, if no option is elected and the participant is married at the date his benefit commences, the monthly benefit will automatically be paid in the form of a 50% joint and survivor annuity.

### Contributions by the Employer

The employer contributes actuarially determined amounts to finance the plan benefits; participating employees do not contribute toward the cost of the plan.

### Investment of Plan Funds

The assets of the pension plan are invested by the trustee in accordance with the terms of the trust agreement.

**ATTACHMENT TO FORM 5500**  
**SCHEDULE SB, LINE 32 - SCHEDULE OF AMORTIZATION BASES**

Plan Name: NCI/JC Pension Plan For Bargaining Unit Employees  
 EIN: 52-1056429  
 PN: 004  
 Plan Year: January, 1, 2023 through September 28, 2023

Type	Present Value of Remaining Installments	Date Established	Years Remaining	Installment Amount
Shortfall	30,251	01/01/2023	15	2,770
Shortfall	(33,544)	01/01/2022	14	(3,221)
Shortfall	46,791	01/01/2021	13	4,734

**Total: 43,498**

**Total: 4,283**

NCI/JC Pension Plan for Bargaining Unit Employees  
EIN: 52-1056429      PN: 004      Plan Year End: 09-28-2023  
Schedule SB, Line 24 – Change in Non-Prescribed Actuarial Assumptions

The following changes were made to the actuarial assumptions effective January 1, 2023:

1. The explicit assumption for plan expenses was changed from \$15,000 to \$8,000 to reflect actual experience.