

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 2022 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A	This return/report is for: ☐ a multiemployer plan ☒ a single-employer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☐ 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		
1a	Name of plan AMERICAN NUCLEAR SOCIETY 403(B) RETIREMENT PLAN	1b	Three-digit plan number (PN) ▶ 001
		1c	Effective date of plan 01/01/1962
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) AMERICAN NUCLEAR SOCIETY 5200 THATCHER ROAD #142 DOWNERS GROVE, IL 60515-4053	2b	Employer Identification Number (EIN) 81-1658523
		2c	Plan Sponsor's telephone number 708-352-6611
		2d	Business code (see instructions) 611000

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.	10/12/2023	HARSH S. DESAI
	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

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Form 5500 (2022)
v. 220413

3a Plan administrator's name and address ☒ Same as Plan Sponsor		3b Administrator's EIN
		3c Administrator's telephone number
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 c Plan Name		4b EIN 4d PN
5 Total number of participants at the beginning of the plan year		5 131
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) 37
a(2) Total number of active participants at the end of the plan year		6a(2) 34
b Retired or separated participants receiving benefits		6b 0
c Other retired or separated participants entitled to future benefits.....		6c 89
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d 123
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e 6
f Total. Add lines 6d and 6e		6f 129
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....		6g 124
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....		6h 0
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: 2F 2G 2L 2T		
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) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor		9b Plan benefit arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (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) ☒ 1 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 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 _____

SCHEDULE A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance 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. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A Name of plan AMERICAN NUCLEAR SOCIETY 403(B) RETIREMENT PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 AMERICAN NUCLEAR SOCIETY	D Employer Identification Number (EIN) 81-1658523

Part I	Information Concerning Insurance Contract Coverage, Fees, and Commissions	Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.
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1 Coverage Information:

(a) Name of insurance carrier TIAA-CREF
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(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
13-1624203	69345	327441	129	01/01/2022	12/31/2022

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.
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(a) Total amount of commissions paid	(b) Total amount of fees paid
0	0

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid
--

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid
--

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4	Current value of plan's interest under this contract in the general account at year end.....	4	7168661
5	Current value of plan's interest under this contract in separate accounts at year end.....	5	12699275

6 Contracts With Allocated Funds:**a** State the basis of premium rates ▶

b	Premiums paid to carrier	6b	
c	Premiums due but unpaid at the end of the year	6c	
d	If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount..... Specify nature of costs ▶	6d	

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity
(3) ☐ other (specify) ▶

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐**7 Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)**

a Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee
(3) ☒ guaranteed investment (4) ☐ other ▶

b	Balance at the end of the previous year	7b	7095761
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c	Additions: (1) Contributions deposited during the year	7c(1)	43821
	(2) Dividends and credits.....	7c(2)	0
	(3) Interest credited during the year.....	7c(3)	291749
	(4) Transferred from separate account.....	7c(4)	1314582
	(5) Other (specify below)	7c(5)	27125

(6) Total additions.....	7c(6)	1677277
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d	Total of balance and additions (add lines 7b and 7c(6))	7d	8773038
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e Deductions:

(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	255039
(2) Administration charge made by carrier.....	7e(2)	
(3) Transferred to separate account.....	7e(3)	1349338
(4) Other (specify below)	7e(4)	

(5) Total deductions.....	7e(5)	1604377
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f	Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	7168661
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Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- a** ☐ Health (other than dental or vision)
b ☐ Dental
c ☐ Vision
d ☐ Life insurance
e ☐ Temporary disability (accident and sickness)
f ☐ Long-term disability
g ☐ Supplemental unemployment
h ☐ Prescription drug
i ☐ Stop loss (large deductible)
j ☐ HMO contract
k ☐ PPO contract
l ☐ Indemnity contract
m ☐ Other (specify) ▶

9 Experience-rated contracts:

a Premiums: (1) Amount received	9a(1)		
(2) Increase (decrease) in amount due but unpaid	9a(2)		
(3) Increase (decrease) in unearned premium reserve.....	9a(3)		
(4) Earned ((1) + (2) - (3)).....		9a(4)	
b Benefit charges (1) Claims paid.....	9b(1)		
(2) Increase (decrease) in claim reserves	9b(2)		
(3) Incurred claims (add (1) and (2)).....		9b(3)	
(4) Claims charged		9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --			
(A) Commissions	9c(1)(A)		
(B) Administrative service or other fees	9c(1)(B)		
(C) Other specific acquisition costs.....	9c(1)(C)		
(D) Other expenses	9c(1)(D)		
(E) Taxes	9c(1)(E)		
(F) Charges for risks or other contingencies	9c(1)(F)		
(G) Other retention charges.....	9c(1)(G)		
(H) Total retention.....		9c(1)(H)	
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.)		9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement.....		9d(1)	
(2) Claim reserves		9d(2)	
(3) Other reserves		9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).).....		9e	

10 Nonexperience-rated contracts:

a Total premiums or subscription charges paid to carrier	10a	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount.	10b	

Specify nature of costs.

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

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 01/01/2022 and ending 12/31/2022	
A Name of plan AMERICAN NUCLEAR SOCIETY 403(B) RETIREMENT PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 AMERICAN NUCLEAR SOCIETY	D Employer Identification Number (EIN) 81-1658523

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
TIAA
13-1624203
(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
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(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)

(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 ☐

(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 ☐

(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:	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:

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 2022 This Form is Open to Public Inspection.
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan AMERICAN NUCLEAR SOCIETY 403(B) RETIREMENT PLAN		B Three-digit plan number (PN) ► 001
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 AMERICAN NUCLEAR SOCIETY		D Employer Identification Number (EIN) 81-1658523
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: TIAA REAL ESTATE		
b Name of sponsor of entity listed in (a): TIAA-CREF		
c EIN-PN 13-1624203-004	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 996573
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)

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
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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 2022 This Form is Open to Public Inspection
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>		
A Name of plan <u>AMERICAN NUCLEAR SOCIETY 403(B) RETIREMENT PLAN</u>		B Three-digit plan number (PN) <u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>AMERICAN NUCLEAR SOCIETY</u>		D Employer Identification Number (EIN) <u>81-1658523</u>

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)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common.....	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(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)		
(10) Value of interest in pooled separate accounts	1c(10)	945561	996573
(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)	18114614	13762550
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)	7095761	7168661
(15) Other	1c(15)		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(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	26155936	21927784

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k		

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	26155936	21927784
---	-----------	----------	----------

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.

Income

		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	328865	
(B) Participants	2a(1)(B)	213166	
(C) Others (including rollovers)	2a(1)(C)	0	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		542031
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(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)	291749	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		291749
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	62302	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		62302
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)		
(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)		
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		77090
(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)		-3403961
c Other income	2c		27125
d Total income. Add all income amounts in column (b) and enter total	2d		-2403664
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	1752770	
(2) To insurance carriers for the provision of benefits	2e(2)	71718	
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		1824488
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)		
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)		
(4) Other	2i(4)		
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		
j Total expenses. Add all expense amounts in column (b) and enter total	2j		1824488
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-4228152
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) ☒ Unmodified (2) ☐ Qualified (3) ☐ Disclaimer (4) ☐ Adverse

b Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) ☒ DOL Regulation 2520.103-8 (2) ☐ DOL Regulation 2520.103-12(d) (3) ☐ neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

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

(1) Name: CALIBRE CPA GROUP PLLC

(2) EIN: 47-0900880

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:

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.)

	Yes	No	Amount
4a		X	

	Yes	No	Amount
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	
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?	X		500000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
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.)	X		
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		X	

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 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 _____.

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 2022 This Form is Open to Public Inspection.
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan AMERICAN NUCLEAR SOCIETY 403(B) RETIREMENT PLAN		B Three-digit plan number (PN) 001
C Plan sponsor's name as shown on line 2a of Form 5500 AMERICAN NUCLEAR SOCIETY		D Employer Identification Number (EIN) 81-1658523
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
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): 13-1624203 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 27
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		
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2022 v. 220413		

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

AMERICAN NUCLEAR SOCIETY 403(B) RETIREMENT PLAN

FINANCIAL STATEMENTS

DECEMBER 31, 2022





AMERICAN NUCLEAR SOCIETY 403(B) RETIREMENT PLAN

FINANCIAL STATEMENTS AND SUPPLEMENTAL INFORMATION

YEARS ENDED DECEMBER 31, 2022 AND 2021

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INDEPENDENT AUDITOR'S REPORT

Plan Administrator
American Nuclear Society 403(b) Retirement Plan

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit

We have performed audits of the accompanying financial statements of the American Nuclear Society 403(b) Retirement Plan (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) [ERISA Section 103(a)(3)(C) audit]. The financial statements comprise the statements of net assets available for benefits as of December 31, 2022 and 2021, and the related statements of changes in net assets available for benefits for the years then ended, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audits of the Plan's financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audits need not extend to any statements or information related to assets held for investment of the Plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained certifications from a qualified institution as of and for the years ended December 31, 2022 and 2021, stating that the certified investment information, as described in Note 4 to the financial statements, is complete and accurate.

Opinion

In our opinion, based on our audits and on the procedures performed as described in the Auditor's Responsibilities for the Audit of the Financial Statements section:

- The amounts and disclosures in the financial statements referred to above, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.

- 
- The information in the financial statements referred to above related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the American Nuclear Society 403(b) Retirement Plan and to meet our other ethical responsibilities in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for 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. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for one year after the date that the financial statements are available to be issued.

Management is also responsible for maintaining a current plan instrument, including all plan amendments, administering the Plan, and determining that the Plan's transactions that are presented and disclosed in the financial statements are in conformity with the Plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditor's Responsibilities for the Audit of the Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit of the Financial Statements section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as



fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements, including omissions, are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

Our audits did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of accounting principles generally accepted in the United States of America.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control related matters that we identified during the audit.



Supplemental Schedule Required by ERISA

The supplemental schedule of assets (held at end of year) is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedule, other than that agreed to or derived from the certified investment information, has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedule that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedule, we evaluated whether the supplemental schedule, other than the information agreed to or derived from the certified investment information, including its form and content, is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion:

- The form and content of the supplemental schedule, other than the information in the supplemental schedule that agreed to or is derived from the certified investment information, is presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.
- The information in the supplemental schedule related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Calibre CPA Group, PLLC

Bethesda, MD
October 5, 2023



AMERICAN NUCLEAR SOCIETY 403(B) RETIREMENT PLAN

STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS

DECEMBER 31, 2022 AND 2021

	<u>2022</u>	<u>2021</u>
Assets		
Investments, at fair value		
Registered investment companies	\$ 13,762,550	\$ 18,114,614
Unallocated insurance contracts (nonbenefit-responsive)	6,467,003	6,431,697
Pooled separate accounts (real estate)	<u>996,573</u>	<u>945,561</u>
Total investments at fair value	21,226,126	25,491,872
 Investments, at contract value		
Unallocated insurance contracts (benefit-responsive)	<u>701,658</u>	<u>664,064</u>
 Total investments	<u>21,927,784</u>	<u>26,155,936</u>
 Net assets available for benefits	<u>\$ 21,927,784</u>	<u>\$ 26,155,936</u>



AMERICAN NUCLEAR SOCIETY 403(B) RETIREMENT PLAN

STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS

YEARS ENDED DECEMBER 31, 2022 AND 2021

	<u>2022</u>	<u>2021</u>
Additions		
Investment income		
Interest and dividends	\$ 354,051	\$ 330,989
Net appreciation (depreciation) in fair value of investments		
Registered investment companies	(3,403,961)	2,506,596
Pooled separate accounts (real estate)	<u>77,090</u>	<u>144,038</u>
Net investment income	<u>(2,972,820)</u>	<u>2,981,623</u>
Contributions		
Employer contributions	328,865	331,041
Employee contributions	213,166	197,060
Employee rollovers	-	389,413
Other income	<u>27,125</u>	<u>23,604</u>
Total contributions	<u>569,156</u>	<u>941,118</u>
Total additions	(2,403,664)	3,922,741
Deductions		
Benefits paid to participants	<u>1,824,488</u>	<u>1,176,643</u>
Change in net assets available for benefits	(4,228,152)	2,746,098
Net assets available for benefits		
Beginning of year	<u>26,155,936</u>	<u>23,409,838</u>
End of year	<u>\$ 21,927,784</u>	<u>\$ 26,155,936</u>

See accompanying notes to financial statements.



AMERICAN NUCLEAR SOCIETY 403(B) RETIREMENT PLAN

NOTES TO FINANCIAL STATEMENTS

YEARS ENDED DECEMBER 31, 2022 AND 2021

NOTE 1. PLAN DESCRIPTION

The following description of the American Nuclear Society 403(b) Retirement Plan (the Plan) is provided for general information purposes only. Participants should refer to the Plan agreement for more complete information.

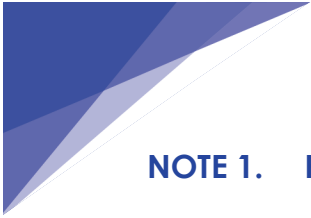
General - The Plan is a defined contribution plan covering all eligible employees of the American Nuclear Society (the Society). The Plan was amended and restated effective January 1, 2018 and qualifies under the Internal Revenue Code (IRC) as a Section 403(b) retirement plan.

Administration - The Society is the sponsor of the Plan. The executive committee, as provided in the plan agreement, is the Plan administrator and has responsibility for the administration of the Plan. Teachers Insurance and Annuity Association (TIAA) investments consist of registered investment companies, traditional annuity contracts, and a pooled separate account. College Retirement Equities Fund (CREF) investments consist of variable annuity contracts.

Contributions - The Plan provides for employee salary contributions of their pretax annual compensation and additional catch-up contributions for participants age 50 or older, as defined in the Plan, subject to maximum tax deferred limitations established by the Internal Revenue Code. Upon reaching 30 years of age and completing six months of service, participants are required to contribute 4 percent of their pretax annual compensation as a condition of employment. Participants may also elect to make post tax contributions to the Plan subject to certain limitations. The Society is required to make matching contributions of 4 to 15 percent of the employee's eligible compensation pay based on the employee's years of service for all eligible employees completing six months of service and reaching age 21 or older.

Investment Options - Contributions to the Plan are invested by TIAA, according to participant instructions. TIAA provides participants with current copies of the prospectus describing each investment option.

Participant Accounts - Each participant's account is credited with the participant's contributions, any rollover amounts, allocations of the Society's contributions, and plan earnings and charged with an allocation of administrative expenses. Allocations are based on participants' compensation or account balances, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account. Participants may direct the investments of their account balances into various investment options offered by TIAA in accordance with Plan documents.



NOTE 1. PLAN DESCRIPTION (CONTINUED)

Payment of Benefits - Upon retirement, death, disability, or termination of employment (after attaining age 55), a participant or, in case of death, the beneficiary, may elect to receive a lump sum, partial payments, or in various installment annuities based on the participant's marital status and the terms allowed under each investment fund in which the participant's account is invested. Participants may also request a distribution from their elective deferrals upon reaching age 59½, incurring a disability, or incurring a financial hardship, as defined in the plan document. Certain amounts invested in the TIAA Traditional Annuity may not be distributed in a lump sum; see redemption restrictions below.

Plan Loans to Participants - Participants may borrow from TIAA using their TIAA Traditional Annuity account balance as collateral for the loan. Collateral is required in an amount equal to 110 percent of the outstanding loan balance. Participants may borrow a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 45 percent of their TIAA Traditional Annuity account balance subject to annuity contract and plan provisions. Loan terms range from one to five years or up to 10 years for the purchase of the participant's primary residence. Loans bear interest at market rates. Principal and interest are paid ratably by the participant to TIAA and each payment will reduce amounts collateralized by the participant's TIAA Traditional Annuity account balance. The amount of these outstanding loans was \$-0- and \$10,729 at December 31, 2022 and 2021, respectively. These loans are not included as assets in the accompanying financial statements. At both December 31, 2022 and 2021, \$-0- of the plan loan balances were in default.

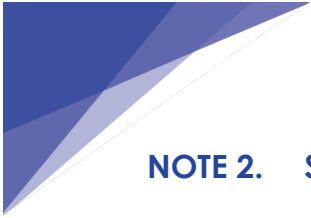
Redemption Restrictions - Certain contracts under the TIAA Traditional Annuity investment have limits on the ability of the participant to transfer or withdraw from the Plan. Transfers and withdrawals from the Retirement Annuity (RA) and Transfer Payout Annuity (TPA) contracts must be paid out in 10 annual installments. The remaining contracts held by the Plan under the TIAA Traditional Annuity investment do not have restrictions related to transfers and withdrawals.

Vesting - Participants' contributions, the employer match contribution, and related earnings are fully vested at all times and are not subject to forfeiture for any reason.

Plan Termination - Although it has not expressed any intentions to do so, the American Nuclear Society has the right to terminate the Plan subject to the provisions set forth in the Employee Retirement Income Security Act of 1974 (ERISA). In the event of Plan termination, participants become fully vested in their accrued benefits.

NOTE 2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting - The financial statements are prepared on the accrual basis of accounting and in accordance with Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC), *Plan Accounting Defined Contribution Pension Plans*.



NOTE 2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Use of Estimates - 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 certain reported amounts and disclosures. Accordingly, actual results may differ from those estimates.

Fair Value Measurement - The Plan adopted the provisions of Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC), *Fair Value Measurement*, which defines fair value, establishes a framework for measuring fair value, establishes a fair value hierarchy based on the quality of inputs (assumptions that market participants would use in pricing assets and liabilities, including assumptions about risk) used to measure fair value, and enhances disclosure requirements for fair value measurements. The Plan accounts for a significant portion of its financial instruments at fair value or considers fair value in their measurement.

Investment Valuation and Income Recognition - Except for investments in benefit-responsive contracts, the Plan's investments are reported at fair value. Investments in registered investment companies and variable annuity contracts are carried at fair value based on quoted market prices. The pooled separate account is carried at net asset value and consists primarily of rental property subject to long-term leases and has been estimated on the basis of future rental receipts and estimated residual values discounted at interest rates commensurate with the risks involved.

The TIAA Traditional Annuity is a guaranteed annuity account issued by TIAA that invests in the general assets of TIAA. TIAA considers the following contracts to be benefit responsive: Supplemental Retirement Annuity (SRA) and Group Supplemental Retirement Annuity (GSRA). TIAA considers the following contracts to be nonbenefit-responsive: Retirement Annuity (RA), Transfer Payout Annuity (TPA), and Interest Payments (IP). The benefit responsive contracts are valued at contract value. The nonbenefit-responsive contracts are valued at fair value. Since there are no specific securities in TIAA's general account related to these contracts, contract value approximates fair value for the nonbenefit-responsive contracts. Contract value represents principal invested plus interest earned, less any withdrawals.

Purchases and sales of securities are recognized on a trade date-basis. Interest income is recognized on the accrual basis. Dividends are reported on the ex-dividend date. The net appreciation (depreciation) in fair value of investments includes the Plan's gains and losses on investments bought and sold, as well as held, during the year.

Administrative Expenses - Administrative expenses of the Plan are generally paid by the Plan sponsor. However, the Plan may require the payment of a pro-rata share of administrative expenses by individual participants under certain circumstances.

Payment of Benefits - Benefits are recognized when paid.

NOTE 3. INCOME TAX STATUS

The Plan, as adopted, is a volume submitter plan, which does not require an application for a determination letter from the Internal Revenue Service (IRS). The volume submitter plan has received a favorable notification letter from the IRS dated August 7, 2017. The Plan has not individually sought its own determination letter. The Plan administrator believes that the Plan is currently designed and operated in compliance with the applicable requirements of the IRC. Therefore, the Plan administrator believes that the Plan was qualified and tax-exempt as of the financial statement date.

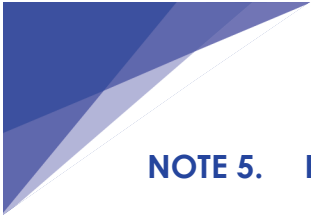
Accounting principles generally accepted in the United States of America require plan management to evaluate tax positions taken by the Plan and recognize a tax liability if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Plan administrator has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 2022 and 2021, there are no uncertain positions taken or expected to be taken that would require recognition of a liability or disclosure in the financial statements.

The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress. The Plan administrator believes it is no longer subject to income tax examinations for years prior to 2019.

NOTE 4. INFORMATION CERTIFIED BY CUSTODIAN

The following is a summary of the Plan's asset and investment income information as of and for the years ended December 31, 2022 and 2021, that was prepared by or derived from information provided by TIAA and furnished to the Plan administrator. The Plan administrator has obtained certifications from the custodian that information provided to the Plan administrator by the custodian related to the following assets and investment income is complete and accurate.

	2022	2021
Assets		
Registered investment companies	\$ 13,762,550	\$ 18,114,614
Unallocated insurance contracts	7,168,661	7,095,761
Pooled separate accounts	<u>996,573</u>	<u>945,561</u>
	<u>\$ 21,927,784</u>	<u>\$ 26,155,936</u>
Investment income		
Interest and dividends	\$ 354,051	\$ 330,989
Net appreciation (depreciation)		
Registered investment companies	(3,403,961)	2,506,596
Pooled separate accounts	<u>77,090</u>	<u>144,038</u>
	<u>\$ (2,972,820)</u>	<u>\$ 2,981,623</u>



NOTE 5. PARTY-IN-INTEREST TRANSACTIONS

Certain plan investments are in investment funds managed by TIAA or its affiliates. TIAA is a service provider of the Plan; therefore, these transactions qualify as party-in-interest transactions. Fees incurred by the Plan for investment management services are included in net appreciation (depreciation) in fair value of the investment, as they are paid through revenue sharing, rather than a direct payment.

NOTE 6. RISKS AND UNCERTAINTIES

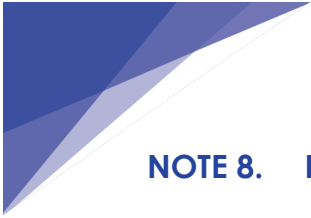
The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities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

NOTE 7. UNALLOCATED INSURANCE CONTRACTS

As of December 31, 2022 and 2021, the Plan offered a guaranteed fixed annuity, the TIAA Traditional Annuity. This annuity is offered to participants through a contract with TIAA, an insurance company. Participants who choose to allocate a portion of their retirement savings to the TIAA Traditional Annuity make contributions that purchase a specific amount of lifetime income based on the contractual rate schedule in effect at the time the premium is paid. The participant's principal, plus a specified rate of interest, generally 3% annually, is guaranteed by TIAA's claims-paying ability.

The TIAA Traditional Annuity also provides an opportunity for participants to receive additional amounts, which the TIAA Board of Trustees may declare on a year-by-year basis. These additional amounts, when declared, remain in effect for the 12-month "declaration year" that begins each March 1 for accumulating annuities and January 1 for lifetime payout annuities; they are not guaranteed for future years. The contracts are backed by the assets of TIAA's General Account, which invests in a wide array of financial instruments. The TIAA Traditional Annuity is reported at contract value and is segregated into nonbenefit-responsive and fully benefit-responsive categories. As of December 31, 2022 and 2021, the Plan offers both a nonbenefit-responsive and a fully benefit-responsive option.

Certain events limit the ability of the Plan to transact at contract value with the issuer. Such events include (1) amendments to the Plan documents (including complete or partial Plan termination or merger with another plan), (2) changes to the Plan's prohibition on competing investment options or deletion of equity wash provisions, (3) bankruptcy of the Plan sponsor or other Plan sponsor events (for example, divestitures or spin-offs of a subsidiary) that cause a significant withdrawal from the Plan or (4) the failure of the trust to qualify for exemption from federal income taxes or any required prohibited transaction exemption under ERISA. The Plan administrator does not believe that any events that would limit the Plan's ability to transact at contract value with participants are probable of occurring.



NOTE 8. FAIR VALUE MEASUREMENT

In accordance with ASC, *Fair Value Measurement*, the Plan has categorized its financial instruments, based on the priority of the inputs to the valuation technique, into a three-level fair value hierarchy. The fair value hierarchy gives the highest priority to quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). If the inputs used to measure the financial instruments fall within different levels of the hierarchy, the categorization is based on the lowest level input that is significant to the fair value measurement of the instrument. Investments reported in the statements of net assets available for benefits are categorized based on the inputs to valuation techniques as follows:

Level 1 - These are investments whose values are based on unadjusted quoted prices for identical assets in an active market the Plan has the ability to access.

Level 2 - These are investments whose values are based on quoted prices for similar instruments in active markets, quoted prices for identical or similar instruments in markets that are not active, or model-based valuation techniques that utilize inputs that are observable either directly or indirectly for substantially the full-term of the investments.

Level 3 - These are investments whose inputs to the valuation methodology are unobservable and significant to the fair value measurement.

Following are descriptions of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2022 and 2021.

Registered Investment Companies - The fair value is equal to the reported net asset value of the fund, which is the price at which additional shares can be obtained, unless the fund's value is quoted on an exchange. Investments in CREF funds are carried at fair value as determined by quoted market prices on the NASDAQ exchange.

Pooled Separate Accounts - The pooled separate account is carried at net asset value and consists primarily of rental property subject to long-term leases and has been estimated on the basis of future rental receipts and estimated residual values discounted at interest rates commensurate with the risks involved. Net asset values of pooled separate accounts are not publicly quoted.

Unallocated Insurance Contracts - Nonbenefit-responsive insurance contracts are carried at estimated fair value, generally based on the underlying contract value.

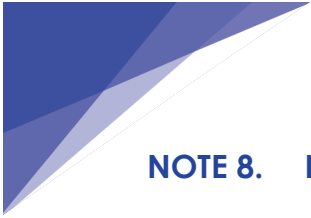
NOTE 8. FAIR VALUE MEASUREMENT (CONTINUED)

The tables below summarize, by level within the fair value hierarchy, the Plan's investments as of December 31, 2022 and 2021, and a reconciliation of investments measured using Level inputs:

	December 31, 2022			
	Total	Level 1	Level 2	Level 3
Registered investment companies	\$ 10,473,767	\$ 10,473,767	\$ -	\$ -
Unallocated insurance contracts	<u>6,467,003</u>	<u>-</u>	<u>-</u>	<u>6,467,003</u>
	16,940,770	<u>\$ 10,473,767</u>	<u>\$ -</u>	<u>\$ 6,467,003</u>
Total assets in the fair value hierarchy at net asset value*				
Registered investment companies	3,288,783			
Pooled separate accounts	<u>996,573</u>			
Total investments at fair value	<u>\$ 21,226,126</u>			
	December 31, 2021			
	Total	Level 1	Level 2	Level 3
Registered investment companies	\$ 14,015,964	\$ 14,015,964	\$ -	\$ -
Unallocated insurance contracts	<u>6,431,697</u>	<u>-</u>	<u>-</u>	<u>6,431,697</u>
	20,447,661	<u>\$ 14,015,964</u>	<u>\$ -</u>	<u>\$ 6,431,697</u>
Total assets in the fair value hierarchy at net asset value*				
Registered investment companies	4,098,650			
Pooled separate accounts	<u>945,561</u>			
Total investments at fair value	<u>\$ 25,491,872</u>			
			2022	2021
Reconciliation of Level 3 input fair values				
Balance at beginning of year			\$ 6,431,697	\$ 6,326,090
Contributions			43,821	55,895
Distributions			(253,147)	(234,886)
Interest, dividends, and net appreciation			269,174	226,951
Net transfers			<u>(24,542)</u>	<u>57,647</u>
Balance at end of year			\$ 6,467,003	\$ 6,431,697

*In accordance with ASC, investments that are measured at net asset value per share (or its equivalent) have not been classified in the fair value hierarchy. The fair value amounts presented in these tables are intended to permit reconciliation of the fair value hierarchy to the line items presented in the statements of net assets available for benefits.

The investments in registered investment companies that do not trade on an active exchange, which totaled \$3,288,783 and \$4,098,650 at December 31, 2022 and 2021, respectively, are measured at fair value using the net asset value practical expedient. These registered investment companies file U.S. Department of Labor Form 5500 as direct filing entities. There were no unfunded commitments or redemption restrictions as of December 31, 2022 and 2021.



NOTE 8. FAIR VALUE MEASUREMENT (CONTINUED)

The investments in pooled separate accounts, which totaled \$996,573 and \$945,561 at December 31, 2022 and 2021, respectively, are measured at fair value using the net asset value practical expedient. The pooled separate accounts file U.S. Department of Labor Form 5500 as a direct filing entity. There were no unfunded commitments or redemption restrictions as of December 31, 2022 and 2021.

NOTE 9. SUBSEQUENT EVENTS REVIEW

Subsequent events have been evaluated through October 5, 2023, which is the date the financial statements were available to be issued. This review and evaluation revealed no other material event or transaction which would require an adjustment to or disclosure in the accompanying financial statements.

AMERICAN NUCLEAR SOCIETY 403(B) RETIREMENT PLAN

SCHEDULE OF ASSETS (HELD AT END OF YEAR)

DECEMBER 31, 2022

Form 5500, Schedule H, Line 4i

E.I.N. 81-1658523
Plan No. 001

(a)	(b) Identity of Issuer, 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
*	TIAA	TIAA Traditional Benefit Responsive (BR1)	N/A	\$ 701,658
*	TIAA	TIAA Traditional Non-Benefit Responsive (NBR)	N/A	6,467,003
*	TIAA	TIAA Real Estate	N/A	996,573
*	TIAA	CREF Stock R1	N/A	4,143,136
*	TIAA	CREF Money Market R1	N/A	237,499
*	TIAA	CREF Social Choice R1	N/A	245,556
*	TIAA	CREF Bond Market R1	N/A	758,536
*	TIAA	CREF Global Equities R1	N/A	1,172,704
*	TIAA	CREF Growth R1	N/A	841,163
*	TIAA	CREF Equity Index R1	N/A	757,311
*	TIAA	CREF-Inflation-Linked Bond R1	N/A	258,014
*	TIAA	TIAA ACCESS Core Bond Plus T3	N/A	96,158
*	TIAA	TIAA ACCESS EQ Index T3	N/A	87,226
*	TIAA	TIAA ACCESS GR & INC T3	N/A	27,600
*	TIAA	TIAA ACCESS INTL EQ IDX T3	N/A	703,058
*	TIAA	TIAA ACCESS INTL EQ T3	N/A	117,760
*	TIAA	TIAA ACCESS LG-CAP GR T3	N/A	107,573
*	TIAA	TIAA ACCESS LG-CAP VAL T3	N/A	169,124
*	TIAA	TIAA ACCESS Lifecycle 2010 T3	N/A	100,009
*	TIAA	TIAA ACCESS Lifecycle 2015 T3	N/A	2,083
*	TIAA	TIAA ACCESS Lifecycle 2020 T3	N/A	18,747
*	TIAA	TIAA ACCESS Lifecycle 2025 T3	N/A	93,503
*	TIAA	TIAA ACCESS Lifecycle 2030 T3	N/A	30,377
*	TIAA	TIAA ACCESS Lifecycle 2035 T3	N/A	65,219
*	TIAA	TIAA ACCESS Lifecycle 2040 T3	N/A	62,419
*	TIAA	TIAA ACCESS Lifecycle 2045 T3	N/A	142,349
*	TIAA	TIAA ACCESS Lifecycle 2050 T3	N/A	11,406
*	TIAA	TIAA ACCESS Lifecycle 2055 T3	N/A	412
*	TIAA	TIAA ACCESS Mid-Cap GR T3	N/A	39,692
*	TIAA	TIAA ACCESS Mid-Cap VAL T3	N/A	120,369
*	TIAA	TIAA ACCESS Real Estate SECS T3	N/A	215,684
*	TIAA	TIAA ACCESS S&P 500 IDX T3	N/A	145,987
*	TIAA	TIAA ACCESS SM-CAP BL IDX T3	N/A	229,781
*	TIAA	TIAA ACCESS QT SML CAP EQ T3	N/A	86,584
*	TIAA	TIAA ACCESS SOCIAL CH EQ T3	N/A	615,663
*	TIAA	TIAA-CREF INTL EQ INDX-RTMT	N/A	255,913
*	TIAA	TIAA-CREF Lifestyle Idx 2025-Rtmt	N/A	32,815
*	TIAA	TIAA-CREF Lifestyle Idx 2030-Rtmt	N/A	62,518
*	TIAA	TIAA-CREF Lifestyle Idx 2040-Rtmt	N/A	308,634
*	TIAA	TIAA-CREF Lifestyle Idx 2045-Rtmt	N/A	56,481
*	TIAA	TIAA-CREF Lifestyle Idx 2050-Rtmt	N/A	71,748
*	TIAA	TIAA-CREF Lifestyle Idx 2055-Rtmt	N/A	17,968
*	TIAA	TIAA-CREF Money Market-Rtmt	N/A	9,188
*	TIAA	TIAA-CREF S&P 500 Idx-Rtmt	N/A	251,898
*	TIAA	TIAA-CREF Sm-Cap BL Idx-Rtmt	N/A	111,372
*	TIAA	BlackRock Inflat Prot Bond Inst	N/A	45,323
*	TIAA	PGIM Jennison Growth Z	N/A	122,205
*	TIAA	Metropolitan West Tot Ret BD M	N/A	83,978
*	TIAA	Hartford Dividend & Growth R5	N/A	236,378
*	TIAA	Am Century Mid Cap Value Inv	N/A	94,181
*	TIAA	Baird Short Term Bond Fund Inv	N/A	36,878
*	TIAA	Harding Loevner Inst Em Mkts I	N/A	61,394
*	TIAA	Principal MidCap Fund R5	N/A	34,868
*	TIAA	EuroPacific Growth Fund R4	N/A	49,793
*	TIAA	AF American Balanced Fund R4	N/A	116,315
Total assets (held at end of year)				<u>\$ 21,927,784</u>

* Denotes party-in-interest
Teachers Insurance and Annuity Association - College Retirement Equities Fund (TIAA-CREF)

N/A - Cost information not required for participant directed investments

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 2022 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
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 instr.)
B	This return/report is: ☒ a single-employer plan ☐ a DFE (specify) _____
	☐ 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											
1a Name of plan AMERICAN NUCLEAR SOCIETY 403(B) RETIREMENT PLAN	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">1b Three-digit plan number (PN) ►</td> <td>001</td> </tr> <tr> <td colspan="2">1c Effective date of plan 01/01/1962</td> </tr> <tr> <td colspan="2">2b Employer Identification Number (EIN) 81-1658523</td> </tr> <tr> <td colspan="2">2c Plan Sponsor's telephone number 708-352-6611</td> </tr> <tr> <td colspan="2">2d Business code (see instructions) 611000</td> </tr> </table>	1b Three-digit plan number (PN) ►	001	1c Effective date of plan 01/01/1962		2b Employer Identification Number (EIN) 81-1658523		2c Plan Sponsor's telephone number 708-352-6611		2d Business code (see instructions) 611000	
1b Three-digit plan number (PN) ►	001										
1c Effective date of plan 01/01/1962											
2b Employer Identification Number (EIN) 81-1658523											
2c Plan Sponsor's telephone number 708-352-6611											
2d Business code (see instructions) 611000											
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) AMERICAN NUCLEAR SOCIETY 5200 THATCHER ROAD #142 DOWNERS GROVE IL 60515											

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		10/12/2023	HARSH S. DESAI
	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	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">3b Administrator's EIN</td> </tr> <tr> <td style="padding: 5px;">3c Administrator's telephone number</td> </tr> <tr> <td style="height: 40px;"></td> </tr> </table>	3b Administrator's EIN	3c Administrator's telephone number	
3b Administrator's EIN				
3c Administrator's telephone number				

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 c Plan Name	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">4b EIN</td> </tr> <tr> <td style="padding: 5px;">4d PN</td> </tr> </table>	4b EIN	4d PN
4b EIN			
4d PN			

5 Total number of participants at the beginning of the plan year	5	131
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)	37
a (2) Total number of active participants at the end of the plan year	6a(2)	34
b Retired or separated participants receiving benefits	6b	0
c Other retired or separated participants entitled to future benefits	6c	89
d Subtotal. Add lines 6a(2), 6b, and 6c	6d	123
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits	6e	6
f Total. Add lines 6d and 6e	6f	129
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	6g	124
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	6h	0

7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	7	
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8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:
 2F 2G 2L 2T

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) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
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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) ☒ **1 A** (Insurance Information)
 (4) ☒ **C** (Service Provider Information)
 (5) ☒ **D** (DFE/Participating Plan Information)
 (6) ☐ **G** (Financial Transaction Schedules)