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Return of Private Foundation
or Section 4947(a)(1) Nonexempt Charitable Trust
Treated as a Private Foundation

Department of the Treasury
Internal Revenue Service

Note. The foundation may be able to use a copy of this return to satisfy state reporting requirements

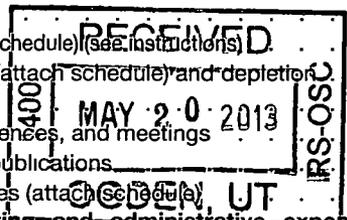
Open to Public Inspection

For calendar year 2012 or tax year beginning , 2012, and ending , 20

Name of foundation Columbia, SC Section of the American Nuclear Society		A Employer identification number 57-0773073
Number and street (or P O box number if mail is not delivered to street address) 451 Old Ruff Road	Room/suite	B Telephone number (see instructions) 803-345-4814
City or town, state, and ZIP code Winnsboro, SC 29180		C If exemption application is pending, check here <input type="checkbox"/>
G Check all that apply. <input checked="" type="checkbox"/> Initial return <input type="checkbox"/> Initial return of a former public charity <input type="checkbox"/> Final return <input type="checkbox"/> Amended return <input type="checkbox"/> Address change <input type="checkbox"/> Name change		D 1. Foreign organizations, check here <input type="checkbox"/> 2. Foreign organizations meeting the 85% test, check here and attach computation <input type="checkbox"/>
H Check type of organization. <input checked="" type="checkbox"/> Section 501(c)(3) exempt private foundation <input type="checkbox"/> Section 4947(a)(1) nonexempt charitable trust <input type="checkbox"/> Other taxable private foundation		E If private foundation status was terminated under section 507(b)(1)(A), check here <input type="checkbox"/>
I Fair market value of all assets at end of year (from Part II, col. (c), line 16) \$ 14609	J Accounting method: <input checked="" type="checkbox"/> Cash <input type="checkbox"/> Accrual <input type="checkbox"/> Other (specify) _____	F If the foundation is in a 60-month termination under section 507(b)(1)(B), check here <input type="checkbox"/>
<i>(Part I, column (d) must be on cash basis.)</i>		

SCANNED MAY 31 2013

Part I Analysis of Revenue and Expenses <i>(The total of amounts in columns (b), (c), and (d) may not necessarily equal the amounts in column (a) (see instructions))</i>		(a) Revenue and expenses per books	(b) Net investment income	(c) Adjusted net income	(d) Disbursements for charitable purposes (cash basis only)
Revenue	1 Contributions, gifts, grants, etc., received (attach schedule)	4408			
	2 Check <input type="checkbox"/> if the foundation is not required to attach Sch. B				
	3 Interest on savings and temporary cash investments	0			
	4 Dividends and interest from securities	443	443		
	5a Gross rents				
	b Net rental income or (loss)				
	6a Net gain or (loss) from sale of assets not on line 10	2059			
	b Gross sales price for all assets on line 6a				
	7 Capital gain net income (from Part IV, line 2)		2059		
	8 Net short-term capital gain				
	9 Income modifications				
	10a Gross sales less returns and allowances				
b Less: Cost of goods sold					
c Gross profit or (loss) (attach schedule)					
11 Other income (attach schedule)					
12 Total. Add lines 1 through 11	6910	2503			
Operating and Administrative Expenses	13 Compensation of officers, directors, trustees, etc.				
	14 Other employee salaries and wages				
	15 Pension plans, employee benefits				
	16a Legal fees (attach schedule)				
	b Accounting fees (attach schedule)				
	c Other professional fees (attach schedule)				
	17 Interest				
	18 Taxes (attach schedule) (see instructions)	31			
	19 Depreciation (attach schedule) and depletion				
	20 Occupancy				
	21 Travel, conferences, and meetings	2376			2376
	22 Printing and publications	305			
	23 Other expenses (attach schedule)				
	24 Total operating and administrative expenses. Add lines 13 through 23	2712			2376
	25 Contributions, gifts, grants paid	4500			4500
26 Total expenses and disbursements. Add lines 24 and 25	7212			6876	
27 Subtract line 26 from line 12:					
a Excess of revenue over expenses and disbursements	(302)				
b Net investment income (if negative, enter -0-)		2503			
c Adjusted net income (if negative, enter -0-)					



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Part II Balance Sheets		Attached schedules and amounts in the description column should be for end-of-year amounts only. (See instructions.)	Beginning of year	End of year	
			(a) Book Value	(b) Book Value	(c) Fair Market Value
Assets	1	Cash—non-interest-bearing	1763	5347	5347
	2	Savings and temporary cash investments	234	10	10
	3	Accounts receivable ▶ Less: allowance for doubtful accounts ▶			
	4	Pledges receivable ▶ Less: allowance for doubtful accounts ▶			
	5	Grants receivable			
	6	Receivables due from officers, directors, trustees, and other disqualified persons (attach schedule) (see instructions)			
	7	Other notes and loans receivable (attach schedule) ▶ Less: allowance for doubtful accounts ▶			
	8	Inventories for sale or use			
	9	Prepaid expenses and deferred charges			
	10a	Investments—U.S. and state government obligations (attach schedule)			
	b	Investments—corporate stock (attach schedule)	10428	6767	9252
	c	Investments—corporate bonds (attach schedule)			
	11	Investments—land, buildings, and equipment: basis ▶ Less: accumulated depreciation (attach schedule) ▶			
	12	Investments—mortgage loans			
	13	Investments—other (attach schedule)			
	14	Land, buildings, and equipment: basis ▶ Less: accumulated depreciation (attach schedule) ▶			
15	Other assets (describe ▶)				
16	Total assets (to be completed by all filers—see the instructions. Also, see page 1, item I)	12425	12124	14609	
Liabilities	17	Accounts payable and accrued expenses			
	18	Grants payable			
	19	Deferred revenue			
	20	Loans from officers, directors, trustees, and other disqualified persons			
	21	Mortgages and other notes payable (attach schedule)			
	22	Other liabilities (describe ▶)			
23	Total liabilities (add lines 17 through 22)				
Net Assets or Fund Balances	Foundations that follow SFAS 117, check here ▶ <input type="checkbox"/> and complete lines 24 through 26 and lines 30 and 31.				
	24	Unrestricted			
	25	Temporarily restricted			
	26	Permanently restricted			
	Foundations that do not follow SFAS 117, check here ▶ <input checked="" type="checkbox"/> and complete lines 27 through 31.				
	27	Capital stock, trust principal, or current funds	12425	12124	
	28	Paid-in or capital surplus, or land, bldg, and equipment fund			
29	Retained earnings, accumulated income, endowment, or other funds				
30	Total net assets or fund balances (see instructions)	12425	12124		
31	Total liabilities and net assets/fund balances (see instructions)				

Part III Analysis of Changes in Net Assets or Fund Balances			
1	Total net assets or fund balances at beginning of year—Part II, column (a), line 30 (must agree with end-of-year figure reported on prior year's return)	1	12425
2	Enter amount from Part I, line 27a	2	(302)
3	Other increases not included in line 2 (itemize) ▶ error due to rounding	3	1
4	Add lines 1, 2, and 3	4	12124
5	Decreases not included in line 2 (itemize) ▶	5	0
6	Total net assets or fund balances at end of year (line 4 minus line 5)—Part II, column (b), line 30	6	12124

Part IV Capital Gains and Losses for Tax on Investment Income

(a) List and describe the kind(s) of property sold (e.g., real estate, 2-story brick warehouse, or common stock, 200 shs MLC Co)		(b) How acquired P—Purchase D—Donation	(c) Date acquired (mo, day, yr)	(d) Date sold (mo, day, yr)
1a	150 shares SSGA S&P500 Index (SVSPX)	P	8/1/2002	7/31/2012
b	100 shares SSGA S&P500 Index (SVSPX)	P	8/1/2002	12/21/2012
c				
d				
e				
(e) Gross sales price	(f) Depreciation allowed (or allowable)	(g) Cost or other basis plus expense of sale	(h) Gain or (loss) (e) plus (f) minus (g)	
a 3402		2197	1205	
b 2319		1465	854	
c				
d				
e				
Complete only for assets showing gain in column (h) and owned by the foundation on 12/31/69				(i) Gains (Col (h) gain minus col (k), but not less than -0-) or Losses (from col (h))
(i) FMV as of 12/31/69	(j) Adjusted basis as of 12/31/69	(k) Excess of col (i) over col (j), if any		
a				
b				
c				
d				
e				
2	Capital gain net income or (net capital loss) { If gain, also enter in Part I, line 7 If (loss), enter -0- in Part I, line 7 }	2	2059	
3	Net short-term capital gain or (loss) as defined in sections 1222(5) and (6): If gain, also enter in Part I, line 8, column (c) (see instructions). If (loss), enter -0- in Part I, line 8	3	0	

Part V Qualification Under Section 4940(e) for Reduced Tax on Net Investment Income

(For optional use by domestic private foundations subject to the section 4940(a) tax on net investment income.)

If section 4940(d)(2) applies, leave this part blank

Was the foundation liable for the section 4942 tax on the distributable amount of any year in the base period? Yes No
If "Yes," the foundation does not qualify under section 4940(e). Do not complete this part.

1 Enter the appropriate amount in each column for each year; see the instructions before making any entries.

(a) Base period years Calendar year (or tax year beginning in)	(b) Adjusted qualifying distributions	(c) Net value of noncharitable-use assets	(d) Distribution ratio (col (b) divided by col (c))
2011			
2010			
2009			
2008			
2007			
2	Total of line 1, column (d)	2	
3	Average distribution ratio for the 5-year base period—divide the total on line 2 by 5, or by the number of years the foundation has been in existence if less than 5 years	3	
4	Enter the net value of noncharitable-use assets for 2012 from Part X, line 5	4	
5	Multiply line 4 by line 3	5	
6	Enter 1% of net investment income (1% of Part I, line 27b)	6	
7	Add lines 5 and 6	7	
8	Enter qualifying distributions from Part XII, line 4 If line 8 is equal to or greater than line 7, check the box in Part VI, line 1b, and complete that part using a 1% tax rate. See the Part VI instructions.	8	

Part VI Excise Tax Based on Investment Income (Section 4940(a), 4940(b), 4940(e), or 4948—see instructions)

Table with 11 main rows and sub-rows (6a-6d) for excise tax calculations. Includes fields for exempt foundations, domestic foundations, tax under section 511, add lines, subtitle A tax, tax based on investment income, credits/payments, total credits, penalty, tax due, overpayment, and amount to be credited or refunded.

Part VII-A Statements Regarding Activities

Table with 10 main rows and sub-rows (4a-4b) for activity statements. Includes questions about political campaign participation, political expenditures, Form 1120-POL filing, unrelated business gross income, tax return filing, liquidation, requirements of section 508(e), assets, states reported, Form 990-PF distribution, private operating foundation status, and substantial contributors.

Part VII-A Statements Regarding Activities (continued)

11	At any time during the year, did the foundation, directly or indirectly, own a controlled entity within the meaning of section 512(b)(13)? If "Yes," attach schedule (see instructions)			✓
12	Did the foundation make a distribution to a donor advised fund over which the foundation or a disqualified person had advisory privileges? If "Yes," attach statement (see instructions)			✓
13	Did the foundation comply with the public inspection requirements for its annual returns and exemption application? Website address ► http://local.ans.org/columbia/index.htm	✓		
14	The books are in care of ► <u>Damon Bryson, Treasurer</u> Telephone no. ► 803-345-4814 Located at ► 451 Old Ruff Road, Winnsboro, SC ZIP+4 ► 29180-9055			
15	Section 4947(a)(1) nonexempt charitable trusts filing Form 990-PF in lieu of Form 1041—Check here. and enter the amount of tax-exempt interest received or accrued during the year		15	
16	At any time during calendar year 2012, did the foundation have an interest in or a signature or other authority over a bank, securities, or other financial account in a foreign country? See the instructions for exceptions and filing requirements for Form TD F 90-22.1. If "Yes," enter the name of the foreign country ►			✓

Part VII-B Statements Regarding Activities for Which Form 4720 May Be Required

File Form 4720 if any item is checked in the "Yes" column, unless an exception applies.

		Yes	No
1a	During the year did the foundation (either directly or indirectly):		
(1)	Engage in the sale or exchange, or leasing of property with a disqualified person?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
(2)	Borrow money from, lend money to, or otherwise extend credit to (or accept it from) a disqualified person?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
(3)	Furnish goods, services, or facilities to (or accept them from) a disqualified person?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
(4)	Pay compensation to, or pay or reimburse the expenses of, a disqualified person?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
(5)	Transfer any income or assets to a disqualified person (or make any of either available for the benefit or use of a disqualified person)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
(6)	Agree to pay money or property to a government official? (Exception. Check "No" if the foundation agreed to make a grant to or to employ the official for a period after termination of government service, if terminating within 90 days)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
b	If any answer is "Yes" to 1a(1)–(6), did any of the acts fail to qualify under the exceptions described in Regulations section 53.4941(d)-3 or in a current notice regarding disaster assistance (see instructions)?		
	Organizations relying on a current notice regarding disaster assistance check here		<input type="checkbox"/>
c	Did the foundation engage in a prior year in any of the acts described in 1a, other than excepted acts, that were not corrected before the first day of the tax year beginning in 2012?		✓
2	Taxes on failure to distribute income (section 4942) (does not apply for years the foundation was a private operating foundation defined in section 4942(j)(3) or 4942(j)(5)):		
a	At the end of tax year 2012, did the foundation have any undistributed income (lines 6d and 6e, Part XIII) for tax year(s) beginning before 2012?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
	If "Yes," list the years ► 20____, 20____, 20____, 20____		
b	Are there any years listed in 2a for which the foundation is not applying the provisions of section 4942(a)(2) (relating to incorrect valuation of assets) to the year's undistributed income? (If applying section 4942(a)(2) to all years listed, answer "No" and attach statement—see instructions.)		
c	If the provisions of section 4942(a)(2) are being applied to any of the years listed in 2a, list the years here. ► 20____, 20____, 20____, 20____		
3a	Did the foundation hold more than a 2% direct or indirect interest in any business enterprise at any time during the year?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
b	If "Yes," did it have excess business holdings in 2012 as a result of (1) any purchase by the foundation or disqualified persons after May 26, 1969; (2) the lapse of the 5-year period (or longer period approved by the Commissioner under section 4943(c)(7)) to dispose of holdings acquired by gift or bequest; or (3) the lapse of the 10-, 15-, or 20-year first phase holding period? (<i>Use Schedule C, Form 4720, to determine if the foundation had excess business holdings in 2012.</i>)		
4a	Did the foundation invest during the year any amount in a manner that would jeopardize its charitable purposes?		✓
b	Did the foundation make any investment in a prior year (but after December 31, 1969) that could jeopardize its charitable purpose that had not been removed from jeopardy before the first day of the tax year beginning in 2012?		✓

Part VII-B Statements Regarding Activities for Which Form 4720 May Be Required (continued)

- 5a** During the year did the foundation pay or incur any amount to:
- (1) Carry on propaganda, or otherwise attempt to influence legislation (section 4945(e))? Yes No
 - (2) Influence the outcome of any specific public election (see section 4955); or to carry on, directly or indirectly, any voter registration drive? Yes No
 - (3) Provide a grant to an individual for travel, study, or other similar purposes? Yes No
 - (4) Provide a grant to an organization other than a charitable, etc., organization described in section 509(a)(1), (2), or (3), or section 4940(d)(2)? (see instructions) Yes No
 - (5) Provide for any purpose other than religious, charitable, scientific, literary, or educational purposes, or for the prevention of cruelty to children or animals? Yes No
- b** If any answer is "Yes" to 5a(1)–(5), did any of the transactions fail to qualify under the exceptions described in Regulations section 53.4945 or in a current notice regarding disaster assistance (see instructions)? Yes No
 Organizations relying on a current notice regarding disaster assistance check here
- c** If the answer is "Yes" to question 5a(4), does the foundation claim exemption from the tax because it maintained expenditure responsibility for the grant? Yes No
 If "Yes," attach the statement required by Regulations section 53.4945–5(d).
- 6a** Did the foundation, during the year, receive any funds, directly or indirectly, to pay premiums on a personal benefit contract? Yes No
- b** Did the foundation, during the year, pay premiums, directly or indirectly, on a personal benefit contract? Yes No
 If "Yes" to 6b, file Form 8870.
- 7a** At any time during the tax year, was the foundation a party to a prohibited tax shelter transaction? Yes No
- b** If "Yes," did the foundation receive any proceeds or have any net income attributable to the transaction? Yes No

5b		
6b		✓
7b		

Part VIII Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors

1 List all officers, directors, trustees, foundation managers and their compensation (see instructions).

(a) Name and address	(b) Title, and average hours per week devoted to position	(c) Compensation (If not paid, enter -0-)	(d) Contributions to employee benefit plans and deferred compensation	(e) Expense account, other allowances
Andrew Atwood 5801 Bluff Road, Hopkins, SC 29061	Chair - 1	0	0	0
Caroline Duncan 5801 Bluff Road, Hopkins, SC 29061	Vice Chair - 1	0	0	0
Jerome Geathers Bradham Blvd, Jenkinsville, SC 29065	Secretary - 1	0	0	0
Damon Bryson Bradham Blvd, Jenkinsville, SC 29065	Treasurer - 1	0	0	0

2 Compensation of five highest-paid employees (other than those included on line 1—see instructions). If none, enter "NONE."

(a) Name and address of each employee paid more than \$50,000	(b) Title, and average hours per week devoted to position	(c) Compensation	(d) Contributions to employee benefit plans and deferred compensation	(e) Expense account, other allowances
NONE				

Total number of other employees paid over \$50,000 0

Part VIII Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors *(continued)*

3 Five highest-paid independent contractors for professional services (see instructions). If none, enter "NONE."

(a) Name and address of each person paid more than \$50,000	(b) Type of service	(c) Compensation
NONE		

Total number of others receiving over \$50,000 for professional services **0**

Part IX-A Summary of Direct Charitable Activities

List the foundation's four largest direct charitable activities during the tax year. Include relevant statistical information such as the number of organizations and other beneficiaries served, conferences convened, research papers produced, etc.	Expenses
1 Monthly Seminars to provide scientific information to members, college students, and the public	2376
2 Scholarship program	4500
3	
4	

Part IX-B Summary of Program-Related Investments (see instructions)

Describe the two largest program-related investments made by the foundation during the tax year on lines 1 and 2	Amount
1 None	
2	
All other program-related investments. See instructions	
3	
Total. Add lines 1 through 3	

Part X Minimum Investment Return (All domestic foundations must complete this part. Foreign foundations, see instructions.)

1	Fair market value of assets not used (or held for use) directly in carrying out charitable, etc., purposes:		
a	Average monthly fair market value of securities	1a	11313
b	Average of monthly cash balances	1b	3199
c	Fair market value of all other assets (see instructions)	1c	0
d	Total (add lines 1a, b, and c)	1d	14512
e	Reduction claimed for blockage or other factors reported on lines 1a and 1c (attach detailed explanation)	1e	
2	Acquisition indebtedness applicable to line 1 assets	2	0
3	Subtract line 2 from line 1d	3	14512
4	Cash deemed held for charitable activities. Enter 1 1/2 % of line 3 (for greater amount, see instructions)	4	218
5	Net value of noncharitable-use assets. Subtract line 4 from line 3. Enter here and on Part V, line 4	5	14294
6	Minimum investment return. Enter 5% of line 5	6	715

Part XI Distributable Amount (see instructions) (Section 4942(j)(3) and (j)(5) private operating foundations and certain foreign organizations check here and do not complete this part.)

1	Minimum investment return from Part X, line 6	1	715
2a	Tax on investment income for 2012 from Part VI, line 5	2a	50
b	Income tax for 2012. (This does not include the tax from Part VI.)	2b	0
c	Add lines 2a and 2b	2c	50
3	Distributable amount before adjustments. Subtract line 2c from line 1	3	665
4	Recoveries of amounts treated as qualifying distributions	4	0
5	Add lines 3 and 4	5	665
6	Deduction from distributable amount (see instructions)	6	0
7	Distributable amount as adjusted. Subtract line 6 from line 5. Enter here and on Part XIII, line 1	7	665

Part XII Qualifying Distributions (see instructions)

1	Amounts paid (including administrative expenses) to accomplish charitable, etc., purposes:		
a	Expenses, contributions, gifts, etc.—total from Part I, column (d), line 26	1a	6876
b	Program-related investments—total from Part IX-B	1b	0
2	Amounts paid to acquire assets used (or held for use) directly in carrying out charitable, etc., purposes	2	0
3	Amounts set aside for specific charitable projects that satisfy the:		
a	Suitability test (prior IRS approval required)	3a	0
b	Cash distribution test (attach the required schedule)	3b	0
4	Qualifying distributions. Add lines 1a through 3b. Enter here and on Part V, line 8, and Part XIII, line 4	4	6876
5	Foundations that qualify under section 4940(e) for the reduced rate of tax on net investment income. Enter 1% of Part I, line 27b (see instructions)	5	0
6	Adjusted qualifying distributions. Subtract line 5 from line 4	6	6876

Note. The amount on line 6 will be used in Part V, column (b), in subsequent years when calculating whether the foundation qualifies for the section 4940(e) reduction of tax in those years.

Part XIII Undistributed Income (see instructions)

	(a) Corpus	(b) Years prior to 2011	(c) 2011	(d) 2012
1 Distributable amount for 2012 from Part XI, line 7				665
2 Undistributed income, if any, as of the end of 2012:				
a Enter amount for 2011 only			0	
b Total for prior years: 20____, 20____, 20____		0		
3 Excess distributions carryover, if any, to 2012:				
a From 2007	5308			
b From 2008	5057			
c From 2009	8291			
d From 2010	8740			
e From 2011	7234			
f Total of lines 3a through e	34630			
4 Qualifying distributions for 2012 from Part XII, line 4: ▶ \$ _____ 6876				
a Applied to 2011, but not more than line 2a			0	
b Applied to undistributed income of prior years (Election required—see instructions)		0		
c Treated as distributions out of corpus (Election required—see instructions)	0			
d Applied to 2012 distributable amount				665
e Remaining amount distributed out of corpus	6211			
5 Excess distributions carryover applied to 2012 (If an amount appears in column (d), the same amount must be shown in column (a).)	0			0
6 Enter the net total of each column as indicated below:				
a Corpus. Add lines 3f, 4c, and 4e. Subtract line 5	40841			
b Prior years' undistributed income. Subtract line 4b from line 2b		0		
c Enter the amount of prior years' undistributed income for which a notice of deficiency has been issued, or on which the section 4942(a) tax has been previously assessed		0		
d Subtract line 6c from line 6b. Taxable amount—see instructions		0		
e Undistributed income for 2011. Subtract line 4a from line 2a. Taxable amount—see instructions			0	
f Undistributed income for 2012. Subtract lines 4d and 5 from line 1. This amount must be distributed in 2013				0
7 Amounts treated as distributions out of corpus to satisfy requirements imposed by section 170(b)(1)(F) or 4942(g)(3) (see instructions)				
8 Excess distributions carryover from 2007 not applied on line 5 or line 7 (see instructions)	5308			
9 Excess distributions carryover to 2013. Subtract lines 7 and 8 from line 6a	35533			
10 Analysis of line 9.				
a Excess from 2008	5057			
b Excess from 2009	8291			
c Excess from 2010	8740			
d Excess from 2011	7234			
e Excess from 2012	6211			

Part XIV Private Operating Foundations (see instructions and Part VII-A, question 9)

- 1a** If the foundation has received a ruling or determination letter that it is a private operating foundation, and the ruling is effective for 2012, enter the date of the ruling N/A
- b** Check box to indicate whether the foundation is a private operating foundation described in section 4942(j)(3) or 4942(j)(5)

	Tax year	Prior 3 years			(e) Total
	(a) 2012	(b) 2011	(c) 2010	(d) 2009	
2a Enter the lesser of the adjusted net income from Part I or the minimum investment return from Part X for each year listed					
b 85% of line 2a					
c Qualifying distributions from Part XII, line 4 for each year listed					
d Amounts included in line 2c not used directly for active conduct of exempt activities					
e Qualifying distributions made directly for active conduct of exempt activities. Subtract line 2d from line 2c					
3 Complete 3a, b, or c for the alternative test relied upon:					
a "Assets" alternative test—enter:					
(1) Value of all assets					
(2) Value of assets qualifying under section 4942(j)(3)(B)(i)					
b "Endowment" alternative test—enter 2/3 of minimum investment return shown in Part X, line 6 for each year listed					
c "Support" alternative test—enter:					
(1) Total support other than gross investment income (interest, dividends, rents, payments on securities loans (section 512(a)(5)), or royalties)					
(2) Support from general public and 5 or more exempt organizations as provided in section 4942(j)(3)(B)(iii)					
(3) Largest amount of support from an exempt organization					
(4) Gross investment income					

Part XV Supplementary Information (Complete this part only if the foundation had \$5,000 or more in assets at any time during the year—see instructions.)

- 1 Information Regarding Foundation Managers:**
- a** List any managers of the foundation who have contributed more than 2% of the total contributions received by the foundation before the close of any tax year (but only if they have contributed more than \$5,000). (See section 507(d)(2).)

None

- b** List any managers of the foundation who own 10% or more of the stock of a corporation (or an equally large portion of the ownership of a partnership or other entity) of which the foundation has a 10% or greater interest.

None

- 2 Information Regarding Contribution, Grant, Gift, Loan, Scholarship, etc., Programs:**
- Check here if the foundation only makes contributions to preselected charitable organizations and does not accept unsolicited requests for funds. If the foundation makes gifts, grants, etc (see instructions) to individuals or organizations under other conditions, complete items 2a, b, c, and d.

- a** The name, address, and telephone number or e-mail of the person to whom applications should be addressed:

- b** The form in which applications should be submitted and information and materials they should include:

- c** Any submission deadlines.

- d** Any restrictions or limitations on awards, such as by geographical areas, charitable fields, kinds of institutions, or other factors:

Part XV Supplementary Information (continued)

3 Grants and Contributions Paid During the Year or Approved for Future Payment

Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a Paid during the year				
Kathryn Metzger 924 1/2 Laurens Street Columbia, SC 29201 Crystal Green	none	none	Scholarship	1500
2502 Drumcliff Ct Hepzibah, GA 30815 Ashley Chatman	none	none	Scholarship	1500
407 Yellow Jasmine Road Orangeburg, SC 29117	none	none	Scholarship	1500
Total				3a 4500
b Approved for future payment				
2013 Scholarship				1500
Total				3b 1500

Columbia, SC Section of the American Nuclear Society
Tax ID: 57-0773073
2012 Tax Form 990-PF Explanatory Attachment

Part	Line	Explanation
I	1	\$1408 was received from members as yearly membership fees and contributions to cover food provided at educational seminars \$1500 was received from South Carolina Electric & Gas Company to support the Year 2012 Scholarship program \$1500 was received from Westinghouse Electric Corporation to support the Year 2012 Scholarship program
I	18	\$31 was paid in Federal Excise Tax based on Investment Income per 2011 Form 990-PF
II	10b	Schedule detailing 12/31/12 investments can be found on attached page labeled "ANS Columbia Section Year 2012 Summary" near the bottom

**ANS Columbia Section
Year 2012 Summary**

Total Balance on 1/1/2012	\$ 1,763.00	\$ 233.85	\$ 10,428.31	\$ 13,429.00	\$ 12,425.16
Credits					
Dues	\$ 280.00				\$ 280.00 4%
Meeting Proceeds	\$ 1,127.85				\$ 1,127.85 16%
Interest	\$ -	\$ -			\$ - 0%
Dividends	\$ -	\$ 443.11			\$ 443.11 6%
Realized Capital Gains	\$ -	\$ 2,059.43			\$ 2,059.43 30%
Other Credits	\$ -	\$ -			\$ - 0%
Scholarship	\$ 3,000.00				\$ 3,000.00 43%
					\$ - 0%
Total Credits	\$ 4,407.85	\$ 2,502.54			\$ 6,910.39
Debits					
Meeting Expenses	\$ 1,758.32				\$ 1,758.32 24%
PSA2013 Expenses	\$ 304.73				\$ 304.73 4%
Board Meeting Expenses	\$ 618.00				\$ 618.00 9%
Income Taxes	\$ 31.00				\$ 31.00 0%
Stock Commissions	\$ -	\$ -			\$ - 0%
Other Debits	\$ -				\$ - 0%
Scholarship	\$ 4,500.00				\$ 4,500.00 62%
					\$ - 0%
Total Debits	\$ 7,212.05	\$ -			\$ 7,212.05
Cash Account Transfers	\$ 6,387.96	\$ (6,387.96)			
Security Buys/Sells	\$ -	\$ 3,661.57	\$ (3,661.57)		\$ (0.01)
Unrealized Market Gains (Losses)			\$ -	\$ (515.43)	\$ 2,485.26
YTD Market Change					
Balance on 12/31/2012	\$ 5,346.76	\$ 10.00	\$ 6,766.74	\$ 9,252.00	\$ 12,123.50

Current Holdings:	Number of Shares	Present Cost Basis	Present Market Value	Dividends Received	Total Return	Unrealized Return	Purchase Date	Annualized Total Return
SSGA S&P500 Index (SVSPX)	38,695	\$ 566.74	\$ 895.01	\$ 168.76	87.70%	57.92%	8/1/2002	8.42%
SSGA S&P500 Index (SVSPX)	361,305	\$ 6,200.00	\$ 8,356.99	\$ 546.45	43.60%	34.79%	11/2/2009	13.79%
Total	400,000	\$ 6,766.74	\$ 9,252.00	\$ 715.21	47.30%	36.73%		13.27%

as of 12/31/2012