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Form **990-PF**
 Department of the Treasury
 Internal Revenue Service

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

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 ▶ **Information about Form 990-PF and its instructions is at www.irs.gov/form990pf.**

OMB No 1545-0052
2016
Open to Public Inspection

For calendar year 2016, or tax year beginning 01-01-2016, and ending 12-31-2016

Name of foundation FUSION POWER ASSOCIATES		A Employer identification number 52-1162794
Number and street (or P O box number if mail is not delivered to street address) 2 PROFESSIONAL DRIVE Room 249	Room/suite	B Telephone number (see instructions) (301) 258-0545
City or town, state or province, country, and ZIP or foreign postal code GAITHERSBURG, MD 20879		C If exemption application is pending, check here <input type="checkbox"/>
G Check all that apply: <input 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) ▶ \$ 326,559	J Accounting method: <input type="checkbox"/> Cash <input checked="" type="checkbox"/> Accrual <input type="checkbox"/> Other (specify) _____ (Part I, column (d) must be on cash basis)	F If the foundation is in a 60-month termination under section 507(b)(1)(B), check here <input type="checkbox"/>

Part I Analysis of Revenue and Expenses <small>(The total of amounts in columns (b), (c), and (d) may not necessarily equal the amounts in column (a) (see instructions))</small>		(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)	6,014			
	2 Check <input type="checkbox"/> if the foundation is not required to attach Sch B				
	3 Interest on savings and temporary cash investments	2	2	2	
	4 Dividends and interest from securities	1,502	1,502	1,502	
	5a Gross rents				
	b Net rental income or (loss)				
	6a Net gain or (loss) from sale of assets not on line 10	467			
	b Gross sales price for all assets on line 6a	467			
	7 Capital gain net income (from Part IV, line 2)		467		
	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)	106,752		106,752		
12 Total. Add lines 1 through 11	114,737	1,971	108,256		
Operating and Administrative Expenses	13 Compensation of officers, directors, trustees, etc	63,180	2,319	2,319	58,542
	14 Other employee salaries and wages				
	15 Pension plans, employee benefits				
	16a Legal fees (attach schedule)				
	b Accounting fees (attach schedule)	975			975
	c Other professional fees (attach schedule)	1,640			1,640
	17 Interest				
	18 Taxes (attach schedule) (see instructions)	5,623			5,623
	19 Depreciation (attach schedule) and depletion				
	20 Occupancy	4,980			4,980
	21 Travel, conferences, and meetings	26,860			26,860
	22 Printing and publications	288			288
	23 Other expenses (attach schedule)	17,902			17,902
	24 Total operating and administrative expenses. Add lines 13 through 23	121,448	2,319	2,319	116,810
	25 Contributions, gifts, grants paid	1,500			1,500
26 Total expenses and disbursements. Add lines 24 and 25	122,948	2,319	2,319	118,310	
27 Subtract line 26 from line 12					
a Excess of revenue over expenses and disbursements	-8,211				
b Net investment income (if negative, enter -0-)		0			
c Adjusted net income (if negative, enter -0-)			105,937		

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	54,795	56,959	56,959
	2 Savings and temporary cash investments	89,453	93,100	93,100
	3 Accounts receivable ▶ <u>6,400</u>			
	Less allowance for doubtful accounts ▶ _____	7,600	6,400	6,400
	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)			
	c Investments—corporate bonds (attach schedule)			
	11 Investments—land, buildings, and equipment basis ▶ <u>169,374</u>			
Less accumulated depreciation (attach schedule) ▶ <u>112,569</u>	56,805	56,805	170,100	
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)	208,653	213,264	326,559	
Liabilities	17 Accounts payable and accrued expenses	1,074	1,294	
	18 Grants payable			
	19 Deferred revenue	90,775	101,700	
	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)	91,849	102,994	
Net Assets or Fund Balances	Foundations that follow SFAS 117, check here <input checked="" type="checkbox"/> and complete lines 24 through 26 and lines 30 and 31.			
	24 Unrestricted	116,804	110,270	
	25 Temporarily restricted			
	26 Permanently restricted			
	Foundations that do not follow SFAS 117, check here <input type="checkbox"/> and complete lines 27 through 31.			
	27 Capital stock, trust principal, or current funds			
	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)	116,804	110,270		
31 Total liabilities and net assets/fund balances (see instructions) .	208,653	213,264		

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	116,804
2 Enter amount from Part I, line 27a		2	-8,211
3 Other increases not included in line 2 (itemize) ▶ _____		3	36,041
4 Add lines 1, 2, and 3		4	144,634
5 Decreases not included in line 2 (itemize) ▶ _____		5	34,364
6 Total net assets or fund balances at end of year (line 4 minus line 5)—Part II, column (b), line 30 .		6	110,270

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			

(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			
b			
c			
d			
e			

Complete only for assets showing gain in column (h) and owned by the foundation on 12/31/69			(l) Gains (Col (h) gain minus col (k), but not less than -0-) or Losses (from col (h))
(i) F M V 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)	2	467
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	

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 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))
2015	126,752	355,541	000 356505
2014	90,672	448,853	000 202008
2013			
2012			
2011			

2 Total of line 1, column (d)	2	000 558513
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	000 279257
4 Enter the net value of noncharitable-use assets for 2016 from Part X, line 5	4	147,808
5 Multiply line 4 by line 3	5	41,276
6 Enter 1% of net investment income (1% of Part I, line 27b)	6	
7 Add lines 5 and 6	7	41,276
8 Enter qualifying distributions from Part XII, line 4	8	118,310

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

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

Table with 11 rows for excise tax calculations. Includes questions about exempt foundations, tax under section 511, and tax due/overpayment. Includes sub-tables 6a-6d for credits.

Part VII-A Statements Regarding Activities

Table with 10 rows for activity statements. Includes questions about political campaigns, political expenditures, and state reporting requirements. Includes Yes/No columns.

Part VII-A Statements Regarding Activities (continued)

Table with 3 columns: Question, Yes, No. Rows 11-14 regarding controlled entities, donor advised funds, public inspection requirements, and books in care.

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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.

Table with 3 columns: Question, Yes, No. Row 16 regarding interest in foreign countries.

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.

Main table with 3 columns: Question, Yes, No. Rows 1a-4b regarding Form 4720 exceptions and requirements.

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 4945(d)(4)(A)? (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

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	Title, and average hours per week (b) devoted to position	(c) Compensation (If not paid, enter -0-)	(d) Contributions to employee benefit plans and deferred compensation	Expense account, (e) other allowances
See Additional Data Table				

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	Title, and average hours per week (b) devoted to position	(c) Compensation	(d) Contributions to employee benefit plans and deferred compensation	Expense account, (e) other allowances

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

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	93,100
b	Average of monthly cash balances.	1b	56,959
c	Fair market value of all other assets (see instructions).	1c	0
d	Total (add lines 1a, b, and c).	1d	150,059
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	
3	Subtract line 2 from line 1d.	3	150,059
4	Cash deemed held for charitable activities. Enter 1 1/2% of line 3 (for greater amount, see instructions).	4	2,251
5	Net value of noncharitable-use assets. Subtract line 4 from line 3. Enter here and on Part V, line 4.	5	147,808
6	Minimum investment return. Enter 5% of line 5.	6	7,390

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	7,390
2a	Tax on investment income for 2016 from Part VI, line 5.	2a	
b	Income tax for 2016 (This does not include the tax from Part VI).	2b	
c	Add lines 2a and 2b.	2c	
3	Distributable amount before adjustments. Subtract line 2c from line 1.	3	7,390
4	Recoveries of amounts treated as qualifying distributions.	4	
5	Add lines 3 and 4.	5	7,390
6	Deduction from distributable amount (see instructions).	6	
7	Distributable amount as adjusted. Subtract line 6 from line 5. Enter here and on Part XIII, line 1.	7	7,390

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	118,310
b	Program-related investments—total from Part IX-B.	1b	
2	Amounts paid to acquire assets used (or held for use) directly in carrying out charitable, etc., purposes.	2	
3	Amounts set aside for specific charitable projects that satisfy the		
a	Suitability test (prior IRS approval required).	3a	
b	Cash distribution test (attach the required schedule).	3b	
4	Qualifying distributions. Add lines 1a through 3b. Enter here and on Part V, line 8, and Part XIII, line 4.	4	118,310
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	
6	Adjusted qualifying distributions. Subtract line 5 from line 4.	6	118,310

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 2015	(c) 2015	(d) 2016
1 Distributable amount for 2016 from Part XI, line 7				7,390
2 Undistributed income, if any, as of the end of 2016				
a Enter amount for 2015 only.			17,776	
b Total for prior years 2012, 2013, 2014		62,593		
3 Excess distributions carryover, if any, to 2016				
a From 2011.				
b From 2012.				
c From 2013.				
d From 2014.				
e From 2015.				
f Total of lines 3a through e.				
4 Qualifying distributions for 2016 from Part XII, line 4 ▶ \$ <u>118,310</u>				
a Applied to 2015, but not more than line 2a			17,776	
b Applied to undistributed income of prior years (Election required—see instructions).				
c Treated as distributions out of corpus (Election required—see instructions).				
d Applied to 2016 distributable amount.				7,390
e Remaining amount distributed out of corpus	93,144			
5 Excess distributions carryover applied to 2016 (If an amount appears in column (d), the same amount must be shown in column (a))				
6 Enter the net total of each column as indicated below:				
a Corpus Add lines 3f, 4c, and 4e Subtract line 5	93,144			
b Prior years' undistributed income Subtract line 4b from line 2b		62,593		
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.				
d Subtract line 6c from line 6b Taxable amount—see instructions		62,593		
e Undistributed income for 2015 Subtract line 4a from line 2a Taxable amount—see instructions				
f Undistributed income for 2016 Subtract lines 4d and 5 from line 1 This amount must be distributed in 2017				0
7 Amounts treated as distributions out of corpus to satisfy requirements imposed by section 170(b)(1)(F) or 4942(g)(3) (Election may be required - see instructions).				
8 Excess distributions carryover from 2011 not applied on line 5 or line 7 (see instructions).				
9 Excess distributions carryover to 2017. Subtract lines 7 and 8 from line 6a	93,144			
10 Analysis of line 9				
a Excess from 2012.				
b Excess from 2013.				
c Excess from 2014.				
d Excess from 2015.				
e Excess from 2016.	93,144			

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 2016, enter the date of the ruling. ▶

b Check box to indicate whether the organization is a private operating foundation described in section 4942(j)(3) or 4942(j)(5)

2a Enter the lesser of the adjusted net income from Part I or the minimum investment return from Part X for each year listed

	Tax year	Prior 3 years			(e) Total
	(a) 2016	(b) 2015	(c) 2014	(d) 2013	
	7,390	17,777	949	1,174	27,290
b 85% of line 2a	6,282	15,110	807	998	23,197
c Qualifying distributions from Part XII, line 4 for each year listed	118,310	126,753	90,672	89,141	424,876
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	118,310	126,753	90,672	89,141	424,876
3 Complete 3a, b, or c for the alternative test relied upon					
a "Assets" alternative test—enter					
(1) Value of all assets		208,653	228,042	210,704	647,399
(2) Value of assets qualifying under section 4942(j)(3)(B)(i)		208,653	228,042	210,704	647,399
b "Endowment" alternative test— enter 2/3 of minimum investment return shown in Part X, line 6 for each year listed.	4,927	11,851	14,962	14,158	45,898
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 organization 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))
See Additional Data Table

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

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 email address 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 Name and address (home or business)	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
a <i>Paid during the year</i> Nathan Kinsey 118 Chimney Lane Wilmington, NC 28409			SCIENCE	1,500
Total			▶ 3a	1,500
b <i>Approved for future payment</i>				
Total			▶ 3b	

Form 990PF Part VIII Line 1 - List all officers, directors, trustees, foundation managers and their compensation

(a) Name and address	Title, and average hours per week (b) devoted to position	(c) Compensation (If not paid, enter -0-)	(d) Contributions to employee benefit plans and deferred compensation	Expense account, (e) other allowances
STEPHEN O DEAN 2 PROFESSIONAL DRIVE STE 249 GAITHERSBURG, MD 20879	PRESIDENT OFFICER 020 00	54,600		
RUTH A WATKINS 2 PROFESSIONAL DRIVE STE 249 GAITHERSBURG, MD 20879	VICE PRESIDENT- ADMINISTRATION FINANCE OFFICER 005 00	8,580		
PROF MOHAMED ABDOU 420 WESTWOOD PLAZA LOS ANGELES, CA 90095	DIRECTORS 001 00	0		
MR MICHAEL CAMPBELL 17117 TALLOW TREE LANE SAN DIAGO, CA 92128	DIRECTOR 001 00	0		
DR HIROSHI AZECHI 2-6 YAMADAOKA SUITA OSAKA JA	DIRECTOR 001 00	0		
MR DAVID BABINEAU SAVANNAH RIVER NATIONAL LAB AIKEN, SC 29808	DIRECTOR 001 00	0		
DR MICHL BINDERBAUER PO BOX 7010 RANCHO SANTA MARGARITA, CA 92688	DIRECTOR 001 00	0		
DR KIMBERLY BUDIL 1111 BROADWAY SUITE 2130 OAKLAND, CA 94607	DIRECTOR 001 00	0		
DR STEFANO CONCEZZI 11500 N MOPAC EXPRESSWAY AUSTIN, TX 78759	DIRECTOR 001 00	0		
DR PHILLIP D FERGUSON PO BOX 2008 OAK RIDGE, TN 37831	DIRECTOR 001 00	0		
DR ROBERT L McCROY 250 EAST RIVER RD ROCHESTER, NY 14623	DIRECTOR 001 00	0		
DR DALE MEADE 48 OAKLAND STREET PRINCETON, NJ 08540	DIRECTOR 001 00	0		
DR SIGFRIED GLENZER 2757 SAND HILL RD MENLO PARK, CA 94025	DIRECTOR 001 00	0		
MR MARK HAYNES 715 N EDISON ST ARLINGTON, VA 22203	DIRECTOR 001 00	0		
PROF FARROKH NAJMABADI 457B ENGINEERING BLDG 11 LA JOLLA, CA 92093	CHAIRMAN OFFICER 001 00	0		
PROF GERALD NAVRATIL 206 SW MUDD NEW YORK, NY 10027	DIRECTOR 001 00	0		
DR STEPHEN OBENSCHAIN NATIONAL RSEARCH LABORATORY WASHINGTON, DC 20376	DIRECTOR 001 00	0		
DR NICOLE PETTA 448 LINDBERGH AVENUE LIVERMORE, CA 94526	DIRECTOR 001 00	0		
DR FRANCOIS WAELEBROECK 1 UNIVERSITY STATION C1500 AUSTIN, TX 78712	DIRECTOR 001 00	0		
DR STEWART PRAGER PO BOX 451 PRINCETON, NJ 08540	DIRECTOR 001 00	0		
DR JOHN SHEFFIELD 1070 ROME DRIVE ROSWELL, GA 30075	DIRECTOR 001 00	0		
DR TONY TAYLOR PO BOX 85608 SAN DIEGO, CA 92186	DIRECTOR 001 00	0		
DR DANIEL SINARS PO BOX 5800 ALBUQUERQUE, NM 87185	DIRECTOR 001 00	0		
MR PETER SIEDL 1 CYCLOTRON RD BERKELEY, CA 94720	DIRECTOR 001 00	0		
MR DENNIS WHYTE 167 ALBANY ST CAMBRIDGE, MA 02139	DIRECTOR 001 00	0		
DR MARK TILLACK UNIVERSITY OF CALIFORNIA SAN DIEGO LA JOLLA, CA 92120	VICE PRESIDENT- COMMUNICATIONS OFFICER 001 00	0		
DR MARK HERRMANN PO BOX 808 L-466 LIVERMORE, CA 94550	DIRECTOR 001 00	0		
DR HARRY S MCLEAN 7000 EAST AVENUE LIVERMORE, CA 94550	DIRECTOR 001 00	0		
DR DON REJ PO BOX 1663 E-526 LOS ALAMOS, NM 87545	DIRECTOR 001 00	0		

Form 990PF Part XV Line 1a - 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).

NONE

NONE

TY 2016 Accounting Fees Schedule**Name:** FUSION POWER ASSOCIATES**EIN:** 52-1162794**Software ID:** 16000333**Software Version:** 17.2.0.0

Category	Amount	Net Investment Income	Adjusted Net Income	Disbursements for Charitable Purposes
RONALD H THOMAS CPA	975			975

Note: To capture the full content of this document, please select landscape mode (11" x 8.5") when printing.

TY 2016 Depreciation Schedule

Name: FUSION POWER ASSOCIATES

EIN: 52-1162794

Software ID: 16000333

Software Version: 17.2.0.0

Description of Property	Date Acquired	Cost or Other Basis	Prior Years' Depreciation	Computation Method	Rate / Life (# of years)	Current Year's Depreciation Expense	Net Investment Income	Adjusted Net Income	Cost of Goods Sold Not Included
CONDO	1984-01-01	77,400	77,400	S/L	0000000030 000000000000				
FURNITURE	2000-01-01	35,169	35,169	S/L	0000000007 000000000000				

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TY 2016 Gain/Loss from Sale of Other Assets Schedule

Name: FUSION POWER ASSOCIATES

EIN: 52-1162794

Software ID: 16000333

Software Version: 17.2.0.0

TY 2016 General Explanation Attachment

Name: FUSION POWER ASSOCIATES

EIN: 52-1162794

Software ID: 16000333

Software Version: 17.2.0.0

TY 2016 Investments - Land Schedule**Name:** FUSION POWER ASSOCIATES**EIN:** 52-1162794**Software ID:** 16000333**Software Version:** 17.2.0.0

Category/ Item	Cost/Other Basis	Accumulated Depreciation	Book Value	End of Year Fair Market Value
LAND	56,805		56,805	92,700
CONDO	77,400	77,400		77,400
FURNITURE/EQUIPMENT	35,169	35,169		

TY 2016 Other Decreases Schedule**Name:** FUSION POWER ASSOCIATES**EIN:** 52-1162794**Software ID:** 16000333**Software Version:** 17.2.0.0

Description	Amount
ADJUSTMENT	34,364

TY 2016 Other Expenses Schedule**Name:** FUSION POWER ASSOCIATES**EIN:** 52-1162794**Software ID:** 16000333**Software Version:** 17.2.0.0**Other Expenses Schedule**

Description	Revenue and Expenses per Books	Net Investment Income	Adjusted Net Income	Disbursements for Charitable Purposes
OTHER EXPENSES	1,400			1,400
BANK CHARGES	3,195			3,195
FUSION ENGINEERING AWARD	1,000			1,000
SUPPLIES SERVICES	6,798			6,798
TELEPHONE	3,059			3,059
POSTAGE, SHIPPING, DELIVERY	277			277
ELECTRIC	2,173			2,173

TY 2016 Other Income Schedule**Name:** FUSION POWER ASSOCIATES**EIN:** 52-1162794**Software ID:** 16000333**Software Version:** 17.2.0.0**Other Income Schedule**

Description	Revenue And Expenses Per Books	Net Investment Income	Adjusted Net Income
MEETINGS SEMINARS	41,375		41,375
DONATIONS	2,999		2,999
SUBSCRIPTIONS	5,478		5,478
DUES	56,900		56,900

TY 2016 Other Increases Schedule**Name:** FUSION POWER ASSOCIATES**EIN:** 52-1162794**Software ID:** 16000333**Software Version:** 17.2.0.0

Description	Amount
NET ADJUSTMENT FROM BOOK VALUE TO FMV OF LAND CONDO ASSET	36,041

TY 2016 Other Professional Fees Schedule**Name:** FUSION POWER ASSOCIATES**EIN:** 52-1162794**Software ID:** 16000333**Software Version:** 17.2.0.0

Category	Amount	Net Investment Income	Adjusted Net Income	Disbursements for Charitable Purposes
XIXI DMOON	1,640			1,640

TY 2016 Taxes Schedule**Name:** FUSION POWER ASSOCIATES**EIN:** 52-1162794**Software ID:** 16000333**Software Version:** 17.2.0.0

Category	Amount	Net Investment Income	Adjusted Net Income	Disbursements for Charitable Purposes
FICA	532			532
MEDICARE	124			124
REAL ESTATE TAXES	4,906			4,906
OTHER TAXES	61			61

Schedule B
(Form 990, 990-EZ,
or 990-PF)
Department of the Treasury
Internal Revenue Service

Schedule of Contributors
▶ Attach to Form 990, 990-EZ, or 990-PF
▶ Information about Schedule B (Form 990, 990-EZ, or 990-PF) and its instructions is at
www.irs.gov/form990.

OMB No 1545-0047
2016

Name of the organization
FUSION POWER ASSOCIATES

Employer identification number
52-1162794

Organization type (check one)

Filers of:

Section:

Form 990 or 990-EZ

- 501(c)() (enter number) organization
- 4947(a)(1) nonexempt charitable trust **not** treated as a private foundation

Form 990-PF

- 527 political organization
- 501(c)(3) exempt private foundation
- 4947(a)(1) nonexempt charitable trust treated as a private foundation
- 501(c)(3) taxable private foundation

Check if your organization is covered by the **General Rule** or a **Special Rule**.
Note. Only a section 501(c)(7), (8), or (10) organization can check boxes for both the General Rule and a Special Rule See instructions

General Rule

- For an organization filing Form 990, 990-EZ, or 990-PF that received, during the year, contributions totaling \$5,000 or more (in money or other property) from any one contributor Complete Parts I and II See instructions for determining a contributor's total contributions

Special Rules

- For an organization described in section 501(c)(3) filing Form 990 or 990-EZ that met the 33¹ 3% support test of the regulations under sections 509(a)(1) and 170(b)(1)(A)(vi), that checked Schedule A (Form 990 or 990-EZ), Part II, line 13, 16a, or 16b, and that received from any one contributor, during the year, total contributions of the greater of (1) \$5,000 or (2) 2% of the amount on (i) Form 990, Part VIII, line 1h, or (ii) Form 990-EZ, line 1 Complete Parts I and II
- For an organization described in section 501(c)(7), (8), or (10) filing Form 990 or 990-EZ that received from any one contributor, during the year, total contributions of more than \$1,000 *exclusively* for religious, charitable, scientific, literary, or educational purposes, or for the prevention of cruelty to children or animals Complete Parts I, II, and III
- For an organization described in section 501(c)(7), (8), or (10) filing Form 990 or 990-EZ that received from any one contributor, during the year, contributions *exclusively* for religious, charitable, etc , purposes, but no such contributions totaled more than \$1,000 If this box is checked, enter here the total contributions that were received during the year for an *exclusively* religious, charitable, etc , purpose Do not complete any of the parts unless the **General Rule** applies to this organization because it received *nonexclusively* religious, charitable, etc , contributions totaling \$5,000 or more during the year ▶ \$ _____

Caution. An organization that is not covered by the General Rule and/or the Special Rules does not file Schedule B (Form 990, 990-EZ, or 990-PF), but it **must** answer "No" on Part IV, line 2, of its Form 990, or check the box on line H of its Form 990-EZ or on its Form 990PF, Part I, line 2, to certify that it does not meet the filing requirements of Schedule B (Form 990, 990-EZ, or 990-PF)

Name of organization
FUSION POWER ASSOCIATES

Employer identification number
52-1162794

Part I **Contributors** (see instructions) Use duplicate copies of Part I if additional space is needed

(a) No.	(b) Name, address, and ZIP + 4	(c) Total contributions	(d) Type of contribution
1	AMERICAN PHYSICAL SOCIETY ONE PHYSICS ELLIPSE COLLEGE PARK, MD 20740	\$ 5,000	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions)
-		\$	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions)
-		\$	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions)
-		\$	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions)
-		\$	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions)
-		\$	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions)

Name of organization FUSION POWER ASSOCIATES	Employer identification number 52-1162794
--------------------------------------------------------	-----------------------------------------------------

Part III Exclusively religious, charitable, etc., contributions to organizations described in section 501(c)(7), (8), or (10) that total more than \$1,000 for the year from any one contributor. Complete columns (a) through (e) and the following line entry. For organizations completing Part III, enter the total of exclusively religious, charitable, etc., contributions of \$1,000 or less for the year. (Enter this information once. See instructions.) ▶ \$ _____
Use duplicate copies of Part III if additional space is needed

(a) No. from Part I	(b) Purpose of gift	(c) Use of gift	(d) Description of how gift is held

(e) Transfer of gift	
Transferee's name, address, and ZIP 4	Relationship of transferor to transferee

(a) No. from Part I	(b) Purpose of gift	(c) Use of gift	(d) Description of how gift is held

(e) Transfer of gift	
Transferee's name, address, and ZIP 4	Relationship of transferor to transferee

(a) No. from Part I	(b) Purpose of gift	(c) Use of gift	(d) Description of how gift is held

(e) Transfer of gift	
Transferee's name, address, and ZIP 4	Relationship of transferor to transferee

(a) No. from Part I	(b) Purpose of gift	(c) Use of gift	(d) Description of how gift is held

(e) Transfer of gift	
Transferee's name, address, and ZIP 4	Relationship of transferor to transferee