

# Executive Branch Personnel

## Public Financial Disclosure Report (OGE Form 278e)

### Filer's Information

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Wang, Evelyn N.

Director, Advanced Research Projects Agency, Department of Energy

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Other Federal Government Positions Held During the Preceding 12 Months:

None

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Names of Congressional Committees Considering Nomination:

- Committee on Energy and Natural Resources
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Electronic Signature - I certify that the statements I have made in this form are true, complete and correct to the best of my knowledge.

/s/ Wang, Evelyn N. [electronically signed on 09/09/2021 by Wang, Evelyn N. in Integrity.gov]

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Agency Ethics Official's Opinion - On the basis of information contained in this report, I conclude that the filer is in compliance with applicable laws and regulations (subject to any comments below).

/s/ Richards, Jocelyn, Certifying Official [electronically signed on 03/10/2022 by Richards, Jocelyn in Integrity.gov]

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Other review conducted by

/s/ LOCKE, STEPHANIE, Ethics Official [electronically signed on 03/09/2022 by LOCKE, STEPHANIE in Integrity.gov]

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U.S. Office of Government Ethics Certification

/s/ Apol, David, Certifying Official [electronically signed on 03/14/2022 by Apol, David in Integrity.gov]

## 1. Filer's Positions Held Outside United States Government

#	ORGANIZATION NAME	CITY, STATE	ORGANIZATION TYPE	POSITION HELD	FROM	TO
1	Massachusetts Institute of Technology	Cambridge, Massachusetts	University/College	Professor	7/2007	Present
2	Nano Letters	Washington, District of Columbia	Journal	Editorial Advisory Board	1/2020	Present
3	Joule	Cambridge, Massachusetts	Journal	Advisory Board	1/2020	Present
4	Journal of Heat Transfer	New York, New York	Journal	Associate Editor	12/2017	Present
5	Nature Microsystems and Nanoengineering	Beijing, China, Outside U.S.	Journal	Associate Editor	6/2015	Present
6	Nanoscale and Microscale Thermophysical Engineering	London, UK, Outside U.S.	Journal	Associate Editor	1/2014	Present
7	ASME Technical Committee on Publications and Communications	New York, New York	Journal	Technical Committee	1/2021	Present
8	Aeroshield	Cambridge, Massachusetts	Corporation	Advisor	3/2019	Present
9	Institute for Defense Analyses	Alexandria, Virginia	Non-Profit	Consultant	6/2017	Present

## 2. Filer's Employment Assets & Income and Retirement Accounts

#	DESCRIPTION	EIF	VALUE	INCOME TYPE	INCOME AMOUNT
1	Massachusetts Institute of Technology	N/A		Salary	\$505,894

#	DESCRIPTION	EIF	VALUE	INCOME TYPE	INCOME AMOUNT
2	Vanguard Roth IRA	No			
2.1	Vanguard 500 Index Fund Admiral Shares	Yes	\$15,001 - \$50,000		None (or less than \$201)
3	MIT 401(k)	No			
3.1	Vanguard Target 2045	Yes	\$500,001 - \$1,000,000		None (or less than \$201)
4	Awards from Nature Microsystems and Nanoengineering - August 2020	No			
4.1	Outstanding Editor Award - August 2020	N/A		Award	\$1,478
4.2	Outstanding Paper Award - August 2020	N/A		Award	\$759
5	Ohio State University - 2/25/2021	N/A		Honorarium	\$1,000
6	Illinois Institute of Technology - 4/14/2021	N/A		Honorarium	\$500
7	Patents (with MIT) See Endnote	No			
7.1	"Heat Exchangers and Related Methods," U.S. Patent No.: 8,678,075 (Value not readily ascertainable)	N/A			None (or less than \$201)
7.2	"Superhydrophobic Surfaces," U.S. Patent No.: 8986814 (Value not readily ascertainable)	N/A			None (or less than \$201)
7.3	"Adsorption System," US Patent No: 10139169 (Value not readily ascertainable)	N/A			None (or less than \$201)
7.4	"Heterogeneous Surfaces," U.S. Patent No. 9689631 (Value not readily ascertainable)	N/A			None (or less than \$201)
7.5	"Evaporative Heat Transfer System, " US. Patent No.: 9,835,363 (Value not readily ascertainable)	N/A			None (or less than \$201)
7.6	"Thermal Pulse Energy Harvesting Strategy and Device," US. Patent No.: 10072638 (Value not readily ascertainable)	N/A			None (or less than \$201)

#	DESCRIPTION	EIF	VALUE	INCOME TYPE	INCOME AMOUNT
7.7	"Condensation on Surfaces," US. Patent No.: 10161037 (Value not readily ascertainable)	N/A			None (or less than \$201)
7.8	"Internally-Heated Thermal and Externally-Cool Photovoltaic Cascade Solar System for the Full Solar Spectrum Utilization," US. Patent No.: 10,043,932 (Value not readily ascertainable)	N/A			None (or less than \$201)
7.9	"Spectrally-Engineered Area-Optimized Solar Thermal Power Generators," U.S. Patent No.: 9,929,690 (Value not readily ascertainable)	N/A			None (or less than \$201)
7.10	"Percolated Microstructures for Multi-Modal Transport Enhancement in Porous Active Materials" U.S. Patent No.: 9914866 (Value not readily ascertainable)	N/A			None (or less than \$201)
7.11	"Tunable Nucleate Boiling Using Electric Fields and Ionic Surfactants" US. Patent No.: 9,841,186 (Value not readily ascertainable)	N/A			None (or less than \$201)
7.12	"Enhanced Flow Boiling Heat Transfer Through Microchannels with Structured Surfaces" U.S. Patent No. 10867887 (Value not readily ascertainable)	N/A			None (or less than \$201)
7.13	"Solar Thermal Aerogel Receiver (STAR)" US Patent No. 10889501 (Value not readily ascertainable)	N/A			None (or less than \$201)
7.14	"Sorption-based Atmospheric Water Harvesting Device," US Patent No. 10640954 (Value not readily ascertainable)	N/A			None (or less than \$201)
7.15	"Bi-directional Porous Media Phase Change Heat Exchanger," US Patent No. 10739089 (Value not readily ascertainable)	N/A			None (or less than \$201)
7.16	"Lubricant Infused Surfaces," U.S. Patent No.: 11098261 (Value not readily ascertainable)	N/A			None (or less than \$201)

### 3. Filer's Employment Agreements and Arrangements

#	EMPLOYER OR PARTY	CITY, STATE	STATUS AND TERMS	DATE
1	Massachusetts Institute of Technology	Cambridge, Massachusetts	Unpaid leave of absence for duration of work at ARPA-E.	9/2021
2	Massachusetts Institute of Technology	Cambridge, Massachusetts	Pursuant to MIT policy, MIT will continue to sponsor my contingent interest mortgage during my leave of absence.	7/2007
3	Massachusetts Institute of Technology	Cambridge, Massachusetts	I will continue to participate in this defined contribution plan. The plan sponsor will not make further contributions during my leave of absence.	7/2007

### 4. Filer's Sources of Compensation Exceeding \$5,000 in a Year

#	SOURCE NAME	CITY, STATE	BRIEF DESCRIPTION OF DUTIES
1	Massachusetts Institute of Technology	Cambridge, Massachusetts	Professor

### 5. Spouse's Employment Assets & Income and Retirement Accounts

#	DESCRIPTION	EIF	VALUE	INCOME TYPE	INCOME AMOUNT
1	Google	N/A		Salary and Bonus	
2	Vanguard IRAs	No			
2.1	Rollover IRA	No			
2.1.1	Vanguard High-Yield Corporate Fund Admiral Shares	Yes	\$50,001 - \$100,000		None (or less than \$201)

#	DESCRIPTION	EIF	VALUE	INCOME TYPE	INCOME AMOUNT
2.1.2	Vanguard Total Stock Market Index Fund Admiral Shares	Yes	\$250,001 - \$500,000		None (or less than \$201)
2.1.3	Vanguard Emerging Markets Stock Index Fund Admiral Shares	Yes	\$100,001 - \$250,000		None (or less than \$201)
2.2	SEP IRA	No			
2.2.1	Vanguard 500 Index Fund Admiral Shares	Yes	\$15,001 - \$50,000		None (or less than \$201)
2.3	Roth IRA	No			
2.3.1	Vanguard Total Stock Market Index Fund Admiral Shares	Yes	\$250,001 - \$500,000		None (or less than \$201)
3	Google 401k	No			
3.1	Vanguard Target 2040 Trust	Yes	\$100,001 - \$250,000		None (or less than \$201)
4	Alphabet, Inc. (GOOGL)	N/A	\$250,001 - \$500,000	Capital Gains	\$100,001 - \$1,000,000
5	Alphabet, Inc. (GOOGL), unvested restricted stock	N/A	\$250,001 - \$500,000		None (or less than \$201)
6	August Home, anticipated settlement payment See Endnote	N/A	\$15,001 - \$50,000		None (or less than \$201)

## 6. Other Assets and Income

#	DESCRIPTION	EIF	VALUE	INCOME TYPE	INCOME AMOUNT
1	Investment Funds #1	No			
1.1	Vanguard 500 Index Fund Admiral Shares	Yes	\$50,001 - \$100,000		\$1,001 - \$2,500

#	DESCRIPTION	EIF	VALUE	INCOME TYPE	INCOME AMOUNT
1.2	Vanguard Commodity Strategy Fund Admiral Shares	Yes	\$50,001 - \$100,000		\$201 - \$1,000
1.3	Vanguard Emerging Markets Stock Index Fund Admiral Shares	Yes	\$15,001 - \$50,000		\$1,001 - \$2,500
1.4	Vanguard European Stock Index Fund Admiral Shares	Yes	\$50,001 - \$100,000		\$1,001 - \$2,500
1.5	Vanguard Extended Market Index Fund Admiral Shares	Yes	\$15,001 - \$50,000		\$201 - \$1,000
1.6	Vanguard Global ex-U.S. Real Estate Index Fund Admiral Shares	Yes	\$15,001 - \$50,000		\$201 - \$1,000
1.7	Vanguard Health Care Fund Admiral Shares	Yes	\$50,001 - \$100,000		\$201 - \$1,000
1.8	Vanguard High-Yield Corporate Fund Investor Shares	Yes	\$1,001 - \$15,000		\$2,501 - \$5,000
1.9	Vanguard Massachusetts Tax-Exempt Fund	Yes	\$50,001 - \$100,000		\$201 - \$1,000
1.10	Vanguard Pacific Stock Index Fund Admiral Shares	Yes	\$15,001 - \$50,000		\$201 - \$1,000
1.11	Vanguard Value Index Fund Admiral Shares	Yes	\$50,001 - \$100,000		\$1,001 - \$2,500
2	Brokerage #1	No			
2.1	The Walt Disney Co. (DIS)	N/A	\$15,001 - \$50,000		None (or less than \$201)
2.2	ISHARES MSCI CANADA ETF	Yes	\$1,001 - \$15,000		\$201 - \$1,000
2.3	Vanguard Federal Money Market Fund	Yes	\$15,001 - \$50,000		None (or less than \$201)
3	Brokerage #2	No			



#	DESCRIPTION	EIF	VALUE	INCOME TYPE	INCOME AMOUNT
3.1	Vanguard 500 Index Fund Admiral Shares	Yes	\$15,001 - \$50,000		\$1,001 - \$2,500
4	Massachusetts 529 College Saving Plan #1	No			
4.1	Vanguard Target Enrollment 2034/2035 Portfolio	Yes	\$15,001 - \$50,000		None (or less than \$201)
5	Massachusetts 529 College Savings Plan #2	No			
5.1	Vanguard Target Enrollment 2036/2037 Portfolio	Yes	\$15,001 - \$50,000		None (or less than \$201)
6	U.S. Bank #5 (Cash-Checking Account)	N/A	\$100,001 - \$250,000		None (or less than \$201)
7	U.S. Bank #4 (Cash-Checking Account)	N/A	\$1,001 - \$15,000		None (or less than \$201)
8	Residential Real Estate - Santa Monica, California	N/A	\$100,001 - \$250,000	Rent or Royalties	\$15,001 - \$50,000
9	Residential Real Estate - San Francisco, California	N/A	\$1,000,001 - \$5,000,000	Rent or Royalties	\$50,001 - \$100,000
10	U.S. Bank #2 (Cash-Checking Account)	N/A	\$1,001 - \$15,000		None (or less than \$201)
11	U.S. Bank #3 (Cash-Checking Account)	N/A	\$1,001 - \$15,000		None (or less than \$201)
12	U.S. Bank #1 (Cash-Checking/Savings Accounts)	N/A	\$250,001 - \$500,000	Interest	\$2,501 - \$5,000
13	Brokerage #3	No			
13.1	Bristol-Myers Squibb (BMY)	N/A	\$1,001 - \$15,000	Dividends	\$1,001 - \$2,500
13.2	Cisco Systems, Inc. (CSCO)	N/A	\$1,001 - \$15,000	Dividends	\$201 - \$1,000
13.3	Dell Technologies, Inc. (DELL)	N/A	\$1,001 - \$15,000		None (or less than \$201)

#	DESCRIPTION	EIF	VALUE	INCOME TYPE	INCOME AMOUNT
13.4	General Mills, Inc. (GIS)	N/A	\$1,001 - \$15,000	Dividends	\$1,001 - \$2,500
13.5	Southern Company (SO)	N/A	\$15,001 - \$50,000	Dividends	\$1,001 - \$2,500
13.6	Vanguard Growth Index Fund ETF Class Shares (VUG)	Yes	\$15,001 - \$50,000		\$201 - \$1,000
13.7	Verizon Communications, Inc. (VZ)	N/A	\$1,001 - \$15,000	Dividends	\$1,001 - \$2,500
14	California COVID-19 Rent Relief	N/A		Rent relief payments	\$2,544

## 7. Transactions

(N/A) - Not required for this type of report

## 8. Liabilities

#	CREDITOR NAME	TYPE	AMOUNT	YEAR INCURRED	RATE	TERM	
1	MIT FCU	Mortgage on Personal Residence	\$250,001 - \$500,000	2020	2.875	20 years	
2	MIT Contingent Interest Mortgage	Mortgage on Personal Residence	\$250,001 - \$500,000	2020	0.5%	19 years	
3	Home Point Financial	Mortgage (investment/rental property)	\$250,001 - \$500,000	2015	3.875	30 years	
4	Cambridge Savings Bank	See Endnote	Mortgage on Personal Residence	\$500,001 - \$1,000,000	2018	3.990%	30 years

## 9. Gifts and Travel Reimbursements

(N/A) - Not required for this type of report

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### Endnotes

PART	#	ENDNOTE
2.	7	U.S. Patent No: 11,170,750, "Energy Efficient, Soundproofing Windows and Window Retrofits," was awarded outside the reporting period.
5.	6	Settlement payment received in full after reporting period.
8.	4	Mortgage paid off during the reporting period.

# Summary of Contents

## 1. Filer's Positions Held Outside United States Government

Part 1 discloses positions that the filer held at any time during the reporting period (excluding positions with the United States Government). Positions are reportable even if the filer did not receive compensation.

This section does not include the following: (1) positions with religious, social, fraternal, or political organizations; (2) positions solely of an honorary nature; (3) positions held as part of the filer's official duties with the United States Government; (4) mere membership in an organization; and (5) passive investment interests as a limited partner or non-managing member of a limited liability company.

## 2. Filer's Employment Assets & Income and Retirement Accounts

Part 2 discloses the following:

- Sources of earned and other non-investment income of the filer totaling more than \$200 during the reporting period (e.g., salary, fees, partnership share, honoraria, scholarships, and prizes)
- Assets related to the filer's business, employment, or other income-generating activities (1) that ended the reporting period with a value greater than \$1,000 or (2) from which more than \$200 in income was received during the reporting period (e.g., equity in business or partnership, stock options, retirement plans/accounts and their underlying holdings as appropriate, deferred compensation, and intellectual property, such as book deals and patents)

This section does not include assets or income from United States Government employment or assets that were acquired separately from the filer's business, employment, or other income-generating activities (e.g., assets purchased through a brokerage account). Note: The type of income is not required if the amount of income is \$0 - \$200 or if the asset qualifies as an excepted investment fund (EIF).

## 3. Filer's Employment Agreements and Arrangements

Part 3 discloses agreements or arrangements that the filer had during the reporting period with an employer or former employer (except the United States Government), such as the following:

- Future employment
- Leave of absence
- Continuing payments from an employer, including severance and payments not yet received for previous work (excluding ordinary salary from a current employer)
- Continuing participation in an employee welfare, retirement, or other benefit plan, such as pensions or a deferred compensation plan
- Retention or disposition of employer-awarded equity, sharing in profits or carried interests (e.g., vested and unvested stock options, restricted stock, future share of a company's profits, etc.)

#### 4. Filer's Sources of Compensation Exceeding \$5,000 in a Year

Part 4 discloses sources (except the United States Government) that paid more than \$5,000 in a calendar year for the filer's services during any year of the reporting period.

The filer discloses payments both from employers and from any clients to whom the filer personally provided services. The filer discloses a source even if the source made its payment to the filer's employer and not to the filer. The filer does not disclose a client's payment to the filer's employer if the filer did not provide the services for which the client is paying.

#### 5. Spouse's Employment Assets & Income and Retirement Accounts

Part 5 discloses the following:

- Sources of earned income (excluding honoraria) for the filer's spouse totaling more than \$1,000 during the reporting period (e.g., salary, consulting fees, and partnership share)
- Sources of honoraria for the filer's spouse greater than \$200 during the reporting period
- Assets related to the filer's spouse's employment, business activities, other income-generating activities (1) that ended the reporting period with a value greater than \$1,000 or (2) from which more than \$200 in income was received during the reporting period (e.g., equity in business or partnership, stock options, retirement plans/accounts and their underlying holdings as appropriate, deferred compensation, and intellectual property, such as book deals and patents)

This section does not include assets or income from United States Government employment or assets that were acquired separately from the filer's spouse's business, employment, or other income-generating activities (e.g., assets purchased through a brokerage account). Note: The type of income is not required if the amount of income is \$0 - \$200 or if the asset qualifies as an excepted investment fund (EIF). Amounts of income are not required for a spouse's earned income (excluding honoraria).

#### 6. Other Assets and Income

Part 6 discloses each asset, not already reported, (1) that ended the reporting period with a value greater than \$1,000 or (2) from which more than \$200 in investment income was received during the reporting period. For purposes of the value and income thresholds, the filer aggregates the filer's interests with those of the filer's spouse and dependent children.

This section does not include the following types of assets: (1) a personal residence (unless it was rented out during the reporting period); (2) income or retirement benefits associated with United States Government employment (e.g., Thrift Savings Plan); and (3) cash accounts (e.g., checking, savings, money market accounts) at a single financial institution with a value of \$5,000 or less (unless more than \$200 in income was received). Additional exceptions apply. Note: The type of income is not required if the amount of income is \$0 - \$200 or if the asset qualifies as an excepted investment fund (EIF).

## 7. Transactions

Part 7 discloses purchases, sales, or exchanges of real property or securities in excess of \$1,000 made on behalf of the filer, the filer's spouse or dependent child during the reporting period.

This section does not include transactions that concern the following: (1) a personal residence, unless rented out; (2) cash accounts (e.g., checking, savings, CDs, money market accounts) and money market mutual funds; (3) Treasury bills, bonds, and notes; and (4) holdings within a federal Thrift Savings Plan account. Additional exceptions apply.

## 8. Liabilities

Part 8 discloses liabilities over \$10,000 that the filer, the filer's spouse or dependent child owed at any time during the reporting period.

This section does not include the following types of liabilities: (1) mortgages on a personal residence, unless rented out (limitations apply for PAS filers); (2) loans secured by a personal motor vehicle, household furniture, or appliances, unless the loan exceeds the item's purchase price; and (3) revolving charge accounts, such as credit card balances, if the outstanding liability did not exceed \$10,000 at the end of the reporting period. Additional exceptions apply.

## 9. Gifts and Travel Reimbursements

This section discloses:

- Gifts totaling more than \$415 that the filer, the filer's spouse, and dependent children received from any one source during the reporting period.
- Travel reimbursements totaling more than \$415 that the filer, the filer's spouse, and dependent children received from any one source during the reporting period.

For purposes of this section, the filer need not aggregate any gift or travel reimbursement with a value of \$166 or less. Regardless of the value, this section does not include the following items: (1) anything received from relatives; (2) anything received from the United States Government or from the District of Columbia, state, or local governments; (3) bequests and other forms of inheritance; (4) gifts and travel reimbursements given to the filer's agency in connection with the filer's official travel; (5) gifts of hospitality (food, lodging, entertainment) at the donor's residence or personal premises; and (6) anything received by the filer's spouse or dependent children totally independent of their relationship to the filer. Additional exceptions apply.

## Privacy Act Statement

Title I of the Ethics in Government Act of 1978, as amended (the Act), 5 U.S.C. app. § 101 et seq., as amended by the Stop Trading on Congressional Knowledge Act of 2012 (Pub. L. 112-105) (STOCK Act), and 5 C.F.R. Part 2634 of the U. S. Office of Government Ethics regulations require the reporting of this information. Failure to provide the requested information may result in separation, disciplinary action, or civil action. The primary use of the information on this report is for review by Government officials to determine compliance with applicable Federal laws and regulations. This report may also be disclosed upon request to any requesting person in accordance with sections 105 and 402(b)(1) of the Act or as otherwise authorized by law. You may inspect applications for public access of your own form upon request. Additional disclosures of the information on this report may be made: (1) to any requesting person, subject to the limitation contained in section 208(d)(1) of title 18, any determination granting an exemption pursuant to sections 208(b)(1) and 208(b)(3) of title 18; (2) to a Federal, State, or local law enforcement agency if the disclosing agency becomes aware of violations or potential violations of law or regulation; (3) to a source when necessary to obtain information relevant to a conflict of interest investigation or determination; (4) to the National Archives and Records Administration or the General Services Administration in records management inspections; (5) to the Office of Management and Budget during legislative coordination on private relief legislation; (6) when the disclosing agency determines that the records are arguably relevant to a proceeding before a court, grand jury, or administrative or adjudicative body, or in a proceeding before an administrative or adjudicative body when the adjudicator determines the records to be relevant to the proceeding; (7) to reviewing officials in a new office, department or agency when an employee transfers or is detailed from one covered position to another, a public financial disclosure report and any accompanying documents, including statements notifying an employee's supervising ethics office of the commencement of negotiations for future employment or compensation or of an agreement for future employment or compensation; (8) to a Member of Congress or a congressional office in response to an inquiry made on behalf of and at the request of an individual who is the subject of the record; (9) to contractors and other non-Government employees working on a contract, service or assignment for the Federal Government when necessary to accomplish a function related to this system of records; (10) on the OGE Website and to any person, department or agency, any written ethics agreement, including certifications of ethics agreement compliance, filed with OGE by an individual nominated by the President to a position requiring Senate confirmation; (11) on the OGE Website and to any person, department or agency, any certificate of divestiture issued by OGE; (12) on the OGE Website and to any person, department or agency, any waiver of the restrictions contained in Executive Order 13770 or any superseding executive order; (13) to appropriate agencies, entities and persons when there has been a suspected or confirmed breach of the system of records, the agency maintaining the records has determined that there is a risk of harm to individuals, the agency, the Federal Government, or national security, and the disclosure is reasonably necessary to assist in connection with the agency's efforts to respond to the suspected or confirmed breach or to prevent, minimize, or remedy such harm; and (14) to another Federal agency or Federal entity, when the agency maintaining the record determines that information from this system of records is reasonably necessary to assist the recipient agency or entity in responding to a suspected or confirmed breach or in preventing, minimizing, or remedying the risk of harm to individuals, the recipient agency or entity, the Federal Government, or national security. See also the OGE/GOVT-1 executive branch-wide Privacy Act system of records.

## Public Burden Information

This collection of information is estimated to take an average of ten hours per response, including time for reviewing the instructions, gathering the data needed, and completing the form. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Program Counsel, U.S. Office of Government Ethics (OGE), Suite 500, 1201 New York Avenue, N.W., Washington, DC 20005-3917.

Pursuant to the Paperwork Reduction Act, as amended, an agency may not conduct or sponsor, and no person is required to respond to, a collection of information unless it displays a currently valid OMB control number (that number, 3209-0001, is displayed here and at the top of the first page of this OGE Form 278e).

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