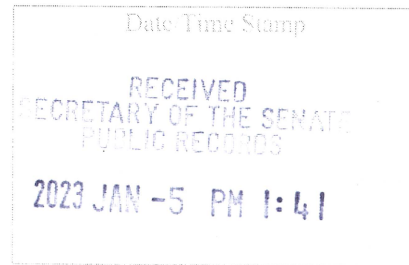


COVER SHEET FOR AMENDMENT OF POST-TRAVEL SUBMISSION



Instructions: Use this form as a cover sheet for any paperwork you may need to submit to the **Office of Public Records** in order to make your Privately Sponsored Post-Travel Submission complete in accordance with Rule 35. **Only complete this form if you need to submit an amendment to a post-travel filing you have already submitted.**

SUBMIT DIRECTLY TO THE OFFICE OF PUBLIC RECORDS IN 232 HART BUILDING

Name of Traveler: Erika Ose

Employing Office/Committee: Office of Sen. Crapo

Travel Expenses Paid by (List all sources): Foundation for Nuclear Studies

Travel Date(s): October 25-26, 2022

Description/Title of Attached Forms: Pages 1-4 of Private Sponsor Travel Certification Form,
including a list of Senate invitees

Invitation from Foundation for Nuclear Studies

Required itinerary

Purpose of Amendment (describe the reason for amending original submission): Original pdf of submission
was cut off by the word processor and did not attach correctly

1/5/2022

(Date)


(Signature of Traveler)

PRIVATE SPONSOR TRAVEL CERTIFICATION FORM

This form must be completed by any private entity offering to provide travel or reimbursement for travel to Senate Members, officers, or employees (Senate Rule 35, clause 2). Each sponsor of a fact-finding trip must sign the completed form. The trip sponsor(s) must provide a copy of the completed form to each invited Senate traveler, who will then forward it to the Ethics Committee with any other required materials. The trip sponsor(s) should **NOT** submit the form directly to the Ethics Committee. Please consult the accompanying instructions for more detailed definitions and other key information.

The Senate Member, officer, or employee **MUST** also provide a copy of this form, along with the appropriate travel authorization and reimbursement form, to the Office of Public Records (OPR), Room 232 of the Hart Building, within thirty (30) days after the travel is completed.

-
1. Sponsor(s) of the trip (please list all sponsors): Foundation for Nuclear Studies

 2. Description of the trip: Trip to Oakridge National Laboratory in Knoxville, TN to tour the facility
and learn about all the nuclear energy projects undertaken there.

 3. Dates of travel: October 25-26, 2022

 4. Place of travel: DCA to Knoxville, TN

 5. Name and title of Senate invitees: Chris Avila, (Coons); Matt Murphy, (Cotton); Erika Ose, (Crapo)

 6. I *certify* that the trip fits one of the following categories:
☒ (A) The sponsor(s) are not registered lobbyists or agents of a foreign principal **and** do not retain or employ registered lobbyists or agents of a foreign principal **and** no lobbyist or agents of a foreign principal will accompany the Member, officer, or employee *at any point* throughout the trip.
– OR –
☐ (B) The sponsor or sponsors are not registered lobbyists or agents of a foreign principal, but retain or employ one or more registered lobbyists or agents of a foreign principal and the trip meets the requirements of Senate Rule 35.2(a)(2)(A)(i) or (ii) (*see question 9*).

 7. ☒ I *certify* that the trip will not be financed in any part by a registered lobbyist or agent of a foreign principal.
– AND –
☒ I *certify* that the sponsor or sponsors will not accept funds or in-kind contributions earmarked directly or indirectly for the purpose of financing this specific trip from a registered lobbyist or agent of a foreign principal or from a private entity that retains or employs one or more registered lobbyists or agents of a foreign principal.

 8. I *certify* that:
☒ The trip will not in any part be planned, organized, requested, or arranged by a registered lobbyist or agent of a foreign principal except for *de minimis* lobbyist involvement.
– AND –
☒ The traveler will not be accompanied on the trip by a registered lobbyist or agent of a foreign principal except as provided for by Committee regulations relating to lobbyist accompaniment (*see question 9*).

9. **USE ONLY IF YOU CHECKED QUESTION 6(B)**

I *certify* that if the sponsor or sponsors retain or employ one or more registered lobbyists or agents of a foreign principal, one of the following scenarios applies:

☐ (A) The trip is for attendance or participation in a one-day event (exclusive of travel time and **one** overnight stay) and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee *on any segment* of the trip.

– OR –

☐ (B) The trip is for attendance or participation in a one-day event (exclusive of travel time and **two** overnight stays) and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee *on any segment* of the trip (*see questions 6 and 10*).

– OR –

☐ (C) The trip is being sponsored only by an organization or organizations designated under § 501(c)(3) of the Internal Revenue Code of 1986 and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee *at any point* throughout the trip.

10. **USE ONLY IF YOU CHECKED QUESTION 9(B)**

If the trip includes two overnight stays, please explain why the second night is practically required for Senate invitees to participate in the travel:

11. ☒ An itinerary for the trip is attached to this form. I *certify* that the attached itinerary is a detailed (hour-by-hour), complete, and final itinerary for the trip.

12. Briefly describe the role of each sponsor in organizing and conducting the trip:

The Foundation for Nuclear Studies will book flights, reservations, transport, arrange the tour, secure the speakers and otherwise handle all logistical arrangements for the trip. FNS will also pay for the trip.

13. Briefly describe the stated mission of each sponsor and how the purpose of the trip relates to that mission:

FNS was founded in 2001 to educate and inform policymakers and their staff about nuclear science, energy, and technology. We conduct 2-3 trips/tours each year to educate congressional staff on how nuclear energy is made, used and stored.

14. Briefly describe each sponsor's prior history of sponsoring congressional trips:

FNS has sponsored trips to ORNL before. The last one was in 2019. FNS has also sponsored local tours to North Anna Power station in VA and Calvert Cliffs Power plant in MD. FNS occasionally sponsors trips abroad to international power plants and went to France in 2019.

15. Briefly describe the educational activities performed by each sponsor (other than sponsoring congressional trips):

FNS hosts congressional briefings on nuclear topics such as advanced reactors, fuel supply, waste and storage, etc. FNS also hosts 20-1 discussions with Members of Congress.

16. Total Expenses for Each Participant:

	Transportation Expenses	Lodging Expenses	Meal Expenses	Other Expenses
☒ Good Faith estimate	\$408	\$89	\$110	
☐ Actual Amounts				

17. State whether a) the trip involves an event that is arranged or organized *without regard* to congressional participation **or** b) the trip involves an event that is arranged or organized *specifically with regard* to congressional participation:

b. The trip is arranged specifically with regard to congressional participation.

18. Reason for selecting the location of the event or trip

Knoxville, TN is home to the Oakridge National Lab, one of the premier test facilities in the country and the world that works on nuclear energy and science projects.

19. Name and location of hotel or other lodging facility:

Baymont by Wyndham, 209 Market Pl Blvd, Knoxville, TN 37922

20. Reason(s) for selecting hotel or other lodging facility:

Affordable and convenient to the Lab and airport.

21. Describe how the daily expenses for lodging, meals, and other expenses provided to trip participants compares to the maximum per diem rates for official Federal Government travel:

The hotel and meals are in line with the government per diem.

22. Describe the type and class of transportation being provided. Indicate whether coach, business-class or first class transportation will be provided. If first-class fare is being provided, please explain why first-class travel is necessary:

Coach class tickets on American Airlines.

Bus service to and from the airport, dinner and lab.

23. ☒ I represent that the travel expenses that will be paid for or reimbursed to Senate invitees do not include expenditures for recreational activities, alcohol, or entertainment (other than entertainment provided to all attendees as an integral part of the event, as permissible under Senate Rule 35).

24. List any entertainment that will be provided to, paid for, or reimbursed to Senate invitees and explain why the entertainment is an integral part of the event:

There is no entertainment planned for this trip. There is a dinner that will feature the Chief Nuclear Officer

from the Tennessee Valley Authority who will discuss new nuclear projects in the state.

25. I hereby *certify* that the information contained herein is true, complete and correct. (For trips involving more than one sponsor, you *must* include a completed signature page for each additional sponsor):

Signature of Travel Sponsor: //LeeAnn Petersen

Name and Title: LeeAnn Petersen

Name of Organization: Foundation for Nuclear Studies

Address: 1323 K Street, SE #202, Washington, DC 20003

Telephone Number: 202-744-6077

Fax Number:

E-mail Address: leeann@foundationfornuclearstudies.org

Ose, Erika (Crapo)

From: Foundation for Nuclear Studies <info@lstreetpartners.com>
Sent: Wednesday, September 14, 2022 9:14 AM
To: Ose, Erika (Crapo)
Subject: Next Week: Atomic Wings Lunch and Learn with Special Guest Dr. Katie Huff of DOE

Registration deadline approaching!

Dear Congressional Energy Staff,

FNS and UCAN Power are pleased to announce our 3rd installment of the Atomic Wings Lunch and Learn Congressional Briefing series: "Nuclear Energy from Supply Chain to Deployment." Our special guest speaker is Dr. Katie Huff of DOE and the conversation will be moderated by Maria Korsnick, CEO of NEI.

Chicken wings will be served. Invitation is non-transferable and registration is required. Principals only, no interns please. We hope to see you there!

Kind regards,
LeeAnn Petersen
Executive Director



Foundation for
Nuclear Studies



UCAN Power
United Coalition for
Advanced Nuclear Power

Invites You to Attend

ATOMIC WINGS

Lunch and Learn Educational Series

Nuclear Energy: From
Supply Chain to Deployment

Tuesday, Sept. 20, 2022

12:00-1:15pm

Rayburn 2322

Capitol Hill, WDC



Dr. Kathryn Huff
Assistant Secretary for Nuclear Energy
US Department of Energy

Lunch will be provided. This event is designed to comply with Congressional Ethics rules. This event is off the record and for background purposes only. Registration is required at <https://FNSSeptemberBriefing.eventbrite.com>.

Contact leeann@foundationfornuclearstudies.org for details.

REGISTER



Interested in touring ORNL in Tennessee? FNS is hosting a staff delegation trip on October 25-26, 2022. We will also tour the Tennessee Valley Authority's Watts Bar Nuclear Plant. Contact leeann@foundationfornuclearstudies.org for details.



ABOUT FNS

Nuclear technologies are used in a host of applications ranging from energy production to medical treatment and diagnosis, to food processing. The Foundation for Nuclear Studies is a 501(c)3 that provides a forum for the discussion of these technologies with the objective of helping policymakers to make informed decisions regarding nuclear energy and technology issues.

In pursuit of its mission, FNS sponsors a series of educational briefings,

conversations with policy makers and domestic and international facility tours.

Please subscribe below to receive information about the Foundation's
programs or visit www.foundationfornuclearstudies.org

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**FOUNDATION FOR NUCLEAR STUDIES STAFF TRIP TO
OAK RIDGE NATIONAL LABORATORY**

TUESDAY, OCTOBER 25, 2022

Time (EST)	Location
7:45 AM	Washington National Airport (DCA) Meet at the American Airlines check-in area. You will need to check-in upon your arrival at one of the kiosks or counters. You will need a government-issued ID.
8:41 AM	Flight Departs from DCA (American Airlines Flight: 5412)
10:31 AM	Flight Arrives at TYS
10:45 AM	Depart for Oak Ridge National Laboratory's Main Campus
11:00-11:15AM	ORNL Arrival and Badging (Building 8600 & 8700) with Linsey Twardy, Protocol Officer
11:15-11:40 AM	Welcome and Overview of ORNL
11:40-11:50 AM	En Route to Oak Ridge Leadership Computing Facility . The Oak Ridge Leadership Computing Facility was established at Oak Ridge National Laboratory to accelerate scientific discovery and engineering progress by providing world-leading computational performance and advanced data infrastructure.
11:50 -12:20 PM	Explanation and demonstration of supercomputers, Frontier and Summit . Opened in early 2022, Frontier is accelerating innovation in science and technology and maintaining US leadership in high-performance computing and artificial intelligence. Frontier users will model the entire lifespan of a nuclear reactor, uncover disease genetics, and build on recent developments in science and technology to further integrate artificial intelligence with data analytics and modeling and simulation. Summit is a system 8 times more powerful than ORNL's previous top-ranked system Titan. Summit is providing scientists with incredible computing power to solve challenges in energy, artificial intelligence, human health, and other research areas, that were simply out of reach until now.
12:20 – 12:35 PM	Explanation and demonstration of Molten Salt Loop .



The liquid salt test loop (LSTL) is a versatile facility for the development and demonstration of high-temperature fluoride-salt technology. It is made from a high nickel alloy and operates at up to 700 °C. The major components include a centrifugal pump to circulate the salt, a salt-to-air heat exchanger, three tanks, pressure control and trace heating systems, and associated instrumentation.

12:35 – 12:45 PM En Route

12:45 – 1:30 PM Working Lunch: Topic - ORNL Nuclear-Industry & Fusion

1:30 – 1:45 PM En route

1:45 – 2:15 PM Tour of [Triso Fuel Particle Lab](#). Tristructural-isotropic (TRISO) particle fuel is an advanced, mature technology for nuclear energy generation.

2:15 – 2:30 PM En Route

2:30 – 3:00 PM Tour the [High Flux Isotope Reactor \(HFIR\)](#). Completed in 1965 and operating at 85 megawatts, HFIR's steady-state neutron beam is the strongest reactor-based neutron source in the United States. The thermal and cold neutrons produced by HFIR are used to study physics, chemistry, materials science, engineering, and biology.

3:00 – 3:15 PM Tour the [Radiochemical Energy Development Center \(REDC\)](#). At the Radiochemical Engineering Development Center (REDC), experts in radiochemical processing use specialized equipment and systems to produce unique radioisotopes for applications in research, national security, medicine, space exploration, and industry.

3:15 – 3:30 PM En Route

3:30 – 4:00 PM Tour the [Spallation Neutron Source \(SNS\)](#). SNS produces neutrons with an accelerator-based system that delivers short (microsecond) proton pulses to a steel target filled with liquid mercury through a process called spallation. Those neutrons are then directed toward state-of-the-art instruments that provide a variety of capabilities to researchers across a broad range of disciplines, such as physics, chemistry, biology, and materials science.

4:00 -4:30 PM En Route to [Ultra Safe Nuclear](#) (non-ORNL facility)



4:30 – 6:00 PM Tour of Ultra Safe Nuclear facility where they develop, deploy and vertically integrate nuclear energy solutions, inclusive of hardware, fuel, execution and operational know how, that are safe and commercially competitive. These include Transportable Power Units, Nuclear Thermal Propulsion and Lunar Surface Power systems.

6:00 PM Depart for Baymont by Wyndham, 209 Market PI Blvd, Knoxville, TN

6:30 PM Arrive and Check into Baymont Hotel (+ Staffer Hotel Time)

7:15 PM Meet in hotel lobby to travel to Copper Cellar (1807 Cumberland Ave)

7:30 PM Working Dinner: TVA's New Nuclear Program Discussion with Tim Rausch, EVP and Chief Nuclear Officer, Tennessee Valley Authority Manager of SMR Technology

9:00 PM Depart for Baymont Hotel | End of Day



**Foundation for Nuclear Studies Staff Trip to
Watts Bar Nuclear Generating Station**

WEDNESDAY, OCTOBER 26

Time (EST)	Location
7:30 AM	Breakfast at Baymont Hotel (+ Staffer Time)
7:50 AM	Meet in the hotel lobby to check out and board the bus.
8:00 AM	Travel to Watts Bar Nuclear Plant Training Center
9:00-9:14 AM	Security Processing and Badging
9:15-9:24 AM	Welcome to WBN (Training Center Classroom 19) – Site leadership will greet attendees and provide their unique perspective of WBN’s operations.
9:25-9:49 AM	WBN Overview (Key Operations/Maintenance team members) A site supervisor will provide a PowerPoint presentation about WBN and share an overview of how the plant functions and produces carbon-free energy.
9:50-9:59 AM	Break
10:00-10:14 AM	Walk to plant and process through Access Portal
10:15-11:29 AM	Plant tour begins in Outage Control Center – The primary portion of the tour will include information about how the team manages planned outages in the Operations Control Center (OCC) and Issues Resolution Center (IRC). Attendees will learn about the importance of the team members involved in the crafts (Maintenance). They will learn about the functionality of the generating equipment positioned on Level 729’ in the Turbine Building and learn about the importance of the markings that distinguish between the Unit 1 and Unit 2 equipment, including the Turbines and Generators, as well as how they function. Attendees also will be taken to a balcony where they will learn about how electricity is distributed from the generators to the switchyard, ultimately delivering safe, reliable, low-cost, and carbon-free electricity to people throughout the Tennessee Valley. Prior to returning to the IRC, attendees will be able to see the WBN cooling towers and many key buildings at WBN where employees and equipment are integral to the continued operation of the plant, including



the Multipurpose Building, MODS building, EQB building, Reactor Buildings, Tritium Consolidation Building, Spent Fuel Storage Pad, and FLEX Building.

11:30-11:44 AM Drop off PPE, exit plant, return to Training Center Classroom 19

11:45-12:44 PM Lunch, Q/A with WBN leaders, Watts Bar North American Young Generation in Nuclear group – Attendees have discussion and Q/A with the tour guides as well as members of the WBNAYGN group.

12:45-12:59 PM Break, prepare for departure

1:00 PM -2:04 PM Depart from site and travel to TYS

4:41 PM – 6:16 PM Flight from TYS to DCA (AA Flight #5276)