FORM APPROVED: OMB NO. 0694-0135

U.S. DEPARTMENT OF COMMERCE **Bureau of Industry and Security** **U.S. NUCLEAR REGULATORY COMMISSION** **Office of Nuclear Material Safety and Safeguards**	**Date Received (Leave Blank)**
ADDITIONAL PROTOCOL REPORT	
FORM AP-3: NUCLEAR FUEL CYCLE-RELATED RESEARCH & DEVELOPMENT (NOT INVOLVING NUCLEAR MATERIAL) WITH U.S. GOVERNMENT INVOLVEMENT	

Submit a separate form for each research & development (R&D) project at this location that is funded, specifically authorized or controlled by, or carried out on behalf of the government of the United States.

3.1	Reporting Code (once assigned):
3.2	Project Number or ID:
3.3	Project Title:
3.4	Activity Reporting Status: ☐ New activity ☐ Activity with no changes ☐ Activity with changes ☐ Ceased activity
3.5	Identify building name(s)/numbers(s) and any additional information that may more precisely define where the reported activity occurs (e.g. room numbers):
3.6	Project Time Line: Start Date:_____ (Estimated) Project End Date :_____
3.7	**Project Category (Fuel Cycle Stage):** ☐ Conversion of nuclear materials ☐ Enrichment of nuclear materials: ☐ Aerodynamic ☐ Chemical/Ion Exchange ☐ Electromagnetic ☐ Gas Centrifuge ☐ Gaseous Diffusion ☐ Laser ☐ Plasma Separation ☐ Other_____ ☐ Nuclear Fuel Fabrication ☐ Critical Facilities ☐ Nuclear Reactors ☐ Spent Fuel Management Installations ☐ Reprocessing of Nuclear Fuel ☐ Processing of Intermediate or High-Level Waste Containing Pu, U-233 or HEU
3.8	**Project Level (Check only one box):** ☐ Theoretical Analysis ☐ Experiment ☐ Conceptual Design ☐ Proof of Concept ☐ Demonstration ☐ Feasibility Study ☐ Prototype
3.9	Briefly Describe the R&D Activities:
3.10	Briefly State the Project Objective:

FORM AP-3: Nuclear Fuel Cycle-Related Research and Development (Not Involving Nuclear Material) with U.S. Government Involvement

Reporting requirements are set forth in 15 CFR Part 783 of the U.S. Department of Commerce (DOC) Regulations and 10 CFR Parts 75 and 110 of the U.S. Nuclear Regulatory Commission (NRC) Regulations.

INSTRUCTIONS:
Submit a separate Form AP-3 for each reportable nuclear fuel cycle-related research and development (R&D) activity not involving nuclear material at your location that is funded by, authorized by, controlled by, or carried out on behalf of the U.S. Government. Reportable R&D includes technology development, safety-related studies, and computer modeling that extend knowledge resulting from theoretical or basic scientific research into a nuclear fuel cycle-related application. Reportable R&D activities do not include theoretical or basic scientific research; industrial radioisotope applications; medical, hydrological, and agricultural applications; health and environmental effects; or improved maintenance.

Question 3.1 Reporting Code: A unique reporting code will be assigned and reported to each reportable location by BIS once an Initial Report has been submitted. The Reporting Code must appear on all future forms pertaining to the location after it is assigned.

Questions 3.2 and 3.3 Project Number or ID and Project Title: Provide the R&D project number or ID assigned by the project sponsor or organization conducting the activity, and the R&D project title.

Question 3.4 Activity Reporting Status: Indicate the current reporting status by checking the appropriate box (i.e., "New Activity" to report an activity for the first time, "Activity with changes" or "Activity with no changes" if a report for this activity was previously submitted, or "Ceased activity" for an activity that ended during the reporting year and will not be reported in future years). If the information previously reported for this specific activity has not changed, you are not required to complete the rest of this form, instead check the "Activity with no changes" box and submit along with Forms AP-1, AP-2 and any other required activity forms.

Question 3.5 Place Where Activity Occurs: Identify building name(s)/ number(s) and any additional information that may more precisely define where the reported activity occurs (e.g. room numbers). If many rooms are used, you may describe areas within the building (e.g. 1st floor of the north wing).

Question 3.6 Project Time Line: Provide start and projected end dates for this project.

Question 3.7 Project Category (Fuel Cycle Stage): Indicate the appropriate fuel cycle stage category and, if applicable, sub-category pertaining to this particular project by checking the appropriate boxes. Each fuel cycle stage category and subcategory identifies reportable R&D activities. If there is a question about whether or not certain information is reportable, contact BIS or NRC for clarification.

Question 3.8 Project Level: Indicate the project level that best describes the stage of development of the technology in the R&D project by checking the appropriate box.

Question 3.9 Description of R&D Activities: Briefly describe the work that is being performed (e.g., design and testing of an induction-coil nuclear fuel pellet sintering oven). Where the work is part of a larger program, identify the larger program.

Question 3.10 Project Objective: Briefly describe the objective of the R&D project in the space provided (e.g., design of a sintering oven that meets a variety of specified temperature control requirements).

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ADDITIONAL PROTOCOL REPORT

FORM AP-3 (CONT.): NUCLEAR FUEL CYCLE-RELATED RESEARCH & DEVELOPMENT (NOT INVOLVING NUCLEAR MATERIAL) WITH U.S. GOVERNMENT INVOLVEMENT

Principal U.S. Government Agency Involved:

3.11	Department/Agency:		
	Nature of Involvement:		
	Street Address:		
	City:	State:	Zip Code:
	Point of Contact (POC):		
	POC's Telephone Number:	POC's Fax Number:	

Provide the name and location of all other sponsors and/or collaborators, both domestic and foreign, for this R&D project. If applicable, provide additional information on Form AP-16.

3.12.1	Organization Name:		
	Street Address:		
	City:	State/Province:	Country:
3.12.2	Organization Name:		
	Street Address:		
	City:	State/Province:	Country:
3.12.3	Organization Name:		
	Street Address:		
	City:	State/Province:	Country:
3.13	☐ Check this box if the activity occurs within a location subject to an NRC or an NRC Agreement State license or is otherwise subject to inspection under NRC regulations (10CFR).		
3.14	☐ Check this box if a Continuation Form (Form AP-16) has been used to provide additional information with any of the above questions.		

FORM AP-3: Nuclear Fuel Cycle-Related R&D (Not Involving Nuclear Material) with U.S. Government Involvement (Continued)

Question 3.11 Principal U.S. Government Agency Involved: Identify the primary U.S. Government department or agency that this R&D activity is funded by, authorized by, controlled by, or conducted on behalf of, and contact information for a point of contact at the department or agency.

Questions 3.12.x Non-U.S. Government Sponsors: Provide the name and address of all non-U.S. Government sponsors and collaborators (both foreign and domestic) of the program, including any foreign governments or organizations. If the organization at this address is wholly or partially owned by a foreign organization, that foreign organization should also be listed. Use Form AP-16 as a continuation form for additional non-U.S. Government sponsors and collaborators.

Question 3.13 NRC License: Check the box if this activity occurs within a location subject to an NRC or an NRC Agreement State license or is otherwise subject to inspection under NRC regulations (10CFR).

Question 3.14 Continuation Form: Check this box if a Continuation Form, Form AP-16, has been used to provide additional information for any of the questions on Form AP-3.