

February 05, 2024

Title: Workshop on Collaboration Between the U.S. Department of Energy and the U.S. Nuclear Regulatory Commission for Development of Criticality Safety Benchmarking Data for HALEU Fuel Cycle and Transportation

Date(s) and Time(s): February 29, 2024, 11:00 AM to 02:15 PM ET

Location: Webinar

Category: This is an Observation Meeting. This is a meeting in which attendees will have an opportunity to observe the NRC performing its regulatory function or discussing regulatory issues. Attendees will have an opportunity to ask questions of the NRC staff or make comments about the issues discussed following the business portion of the meeting; however, the NRC is not actively soliciting comments towards regulatory decisions at this meeting.

Purpose: This workshop, co-hosted by NRC and DOE, will describe NRC and DOE collaboration initiated by the 2020 Energy Act and as funded by the Inflation Reduction Act to develop publicly available data to support the NRC in initiating, executing, and completing activities that will reduce the uncertainty associated with approving commercial-scale facility and transportation operations for the HALEU fuel cycle. The workshop is intended to bring participants up to speed on the current DOE/NRC assessment of gaps in validation and nuclear data for HALEU-based fuel cycles and collect feedback that will be used to inform the first DOE Funding Opportunity Announcement (FOA) for benchmark proposals.

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Participants:	<u>NRC</u>	<u>External</u>
	Office of Nuclear Material Safety and Safeguards Office of Nuclear Regulatory Research	National Laboratories Fuel Cycle Licensees Transportation Package CoC Holders & Users US Department of Energy Oak Ridge National Lab

Teleconference:	<u>Bridge Number</u>	<u>Conference ID</u>	<u>Pass Code</u>
	(301) 576-2978	928372933#	928372933#

Webinar:	<u>URL</u>	<u>Meeting Number</u>	<u>Password</u>
	https://teams.microsoft.com/l/meetup-join/19%3ameeting_OGVhMzRIYjAtODExZS00NTRhLTlmYjltMGY4MDM1NjhmZTRh%40thread.v2/0?context=%7b%22Tid%22%3a%22e8d01475-c3b5-436a-a065-5def4c64f52e%22%2c%22Oid%22%3a%221a822abb-a94f-4f45-a98b-6b67e92ba29a%22%7d	288 057 898 689	Y5CqS

Comments: For more information on this meeting, and for a link for optional registration, see the following website: <https://www.energy.gov/ne/events/workshop-collaboration-between-us-department-energy-and-us-nuclear-regulatory-commission>

The NRC provides reasonable accommodations to individuals with disabilities where appropriate. If you need a reasonable accommodation to participate in a meeting or need a meeting notice or the transcript or other information from a meeting in another format (e.g. braille, large print), please contact Anne Silk, NRC Reasonable Accommodations Coordinator, at Anne.Silk@nrc.gov or call directly at 301-287-0745. Determinations on requests for reasonable accommodation will be made on a case-by-case basis. Ten (10) days' advance notice is requested to try to ensure availability; however, every effort will be made to address a request for reasonable accommodations with less notice.

PUBLIC MEETING AGENDA

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Development of Criticality Safety Benchmarking Data for HALEU Fuel Cycle and Transportation

February 29, 2024, 11:00 AM to 02:15 PM ET

Webinar

Time	Topic	Speaker
11:00 – 11:05 am	Welcome/Introduction/Kickoff	ORNL
11:05 – 11:15 am	HALEU Availability Program	DOE-NE
11:25 – 11:35 am	Project Goals	NRC
11:35 – 12:35 pm	Discussion of Considerations for HALEU-Based Fuel Cycle Validation Basis Assessment and Benchmark Prioritization	ORNL
12:35 – 1:05 pm	Background on Validation Methods and the Need for Application Models	ORNL
1:05 – 1:30 pm	Presentation of Recently Developed Criticality Safety Application Models	ORNL
1:30 – 2:15 pm	Open Discussion	All
2:15 pm	Adjourn	

ADAMS Accession Number: ML24039A086

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Date	02/05/2024	02/05/2024	02/05/2024

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Link to meeting details: <https://www.nrc.gov/pmns/mtg?do=details&Code=20240148>