July 09, 2025

Title:	Workshop #2 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 (DNCSH)
Date(s) and Time(s):	August 27, 2025, 01:00 PM to 04:00 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:	The workshop, the second in a series co-hosted by NRC and DOE, will discuss their collaboration initiated by the 2020 Energy Act and funded by the Inflation Reduction Act. This collaboration aims to develop publicly available data to help the NRC reduce uncertainty in approving commercial-scale facility and transportation operations for the HALEU fuel cycle. Recent executive orders have mandated rapid deployment of advanced nuclear reactors and supporting infrastructure. The project will support industry innovation and reduce uncertainty in assessing HALEU fuel cycle operations. The workshop will review ongoing activities from the first DNCSH call for experiment and analysis work packages (EAWs), identify potential HALEU validation gaps, and collect feedback for the second call for EAWs focused on HALEU fuel cycle facility operations.

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Participants:	NRC	External
	Office of Nuclear Regulatory Research	National Laboratories
	Office of Nuclear Material Safety and Safeguards	Fuel Cycle Licensees and Transportation Package Certificate of Compliance Holders and Users Oak Ridge National Lab

Webinar:	URL	Meeting Number
	https://events.gcc.teams.microsoft.com/event/92e31710-87dc-49ee-a966-8d288983149d@e8d01475-c3b5-436a-a065-5def4c64f52e	

If you need a reasonable accommodation due to a disability to participate in this meeting or need meeting materials in another format (e.g. braille, large print), please email Reasonable_Accommodations.Resource@nrc.gov. Determinations on requests for reasonable accommodation will be made on a case-by-case basis and the agency may choose between which effective accommodations to provide. At least ten (10) days advance notice is recommended in order for a request to be processed and implemented if approved. However, every effort will be made to address any reasonable accommodations requests received with less notice.

If you have difficulty understanding and/or communicating in English, free language assistance or other aids and services may be available, upon request. Please email lepresources@nrc.gov. Determinations on requests will be made on a case-by-case basis. At least ten (10) days advance notice is recommended in order for a request to be processed and implemented if approved. However, every effort will be made to address any reasonable accommodations requests received with less notice.

PUBLIC MEETING AGENDA

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August 27, 2025, 01:00 PM to 04:00 PM ET

Webinar

Time	Topic	Speaker
1:00 pm – 1:15 pm	Welcome/Introduction/Kickoff	NRC/DOE
1:15 pm – 1:25 pm	Pre-Workshop Survey Information	ORNL
1:25 pm – 1:50 pm	Current Benchmarks in Progress	LLNL
1:50 pm – 2:05 pm	Current Facility Activities	LANL
2:05 pm – 2:15 pm	Current Nuclear Data Activities	ORNL
2:15 pm – 2:25 pm	Recent NUREGS for Criticality Safety Validation	NRC
2:25 pm – 2:40 pm	Break	---
2:40 pm – 3:10 pm	Facility Focus Area for Call #2	BGS
3:10 pm – 3:20 pm	Application Models	ORNL
3:20 pm – 3:40 pm	Plan for Call #2 Timeline and Areas	ORNL NTD
3:40 pm – 4:00 pm	Q&A Discussion	ORNL NTD
4:00 pm	Adjourn	---

ADAMS Accession Number: ML25191A097

Office	NMSS/DFM/NARAB	NMSS/DFM/STLB
Name	Drew Barto	Wanda Wheatley
Date	07/08/2025	07/09/2025

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Link to meeting details: https://www.nrc.gov/pmns/mtg?do=details&Code=20250895