

July 18, 2024

Title: NRC's Annual Higher Burnup Workshop V

Date(s) and Time(s): September 03, 2024, 09:00 AM to 12:30 PM ET

Location: NRC One White Flint North, HQ-OWFN-01G05  
11555 Rockville Pike  
Rockville, MD

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 purpose of this workshop is to discuss licensing and technical aspects of higher burnup (75 gigawatt days per metric ton U-235 or equivalent) and increased enrichment (above 5% U-235) fuel.

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Participants:	<u>NRC</u> Office of Nuclear Reactor Regulation Office of Nuclear Regulatory Research Office of Nuclear Material Safety and Safeguards	<u>External</u> Nuclear Energy Institute (NEI) US Department of Energy
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Teleconference:	<u>Bridge Number</u> (301) 576-2978	<u>Conference ID</u> 589604652#	<u>Pass Code</u> N/a
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Webinar:	<u>URL</u> <a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting_NWNI0G1xYWEtMTcwNS00MzM3LTgyZGUtNTExNTU5OTY3MjM0%40thread.v2/0?context=%7b%22Tid%22%3a%22e8d01475-c3b5-436a-a065-5def4c64f52e%22%2c%22Oid%22%3a%22f2a18593-91f4-4ec3-9a4d-47a6198e5758%22%7d">https://teams.microsoft.com/l/meetup-join/19%3ameeting_NWNI0G1xYWEtMTcwNS00MzM3LTgyZGUtNTExNTU5OTY3MjM0%40thread.v2/0?context=%7b%22Tid%22%3a%22e8d01475-c3b5-436a-a065-5def4c64f52e%22%2c%22Oid%22%3a%22f2a18593-91f4-4ec3-9a4d-47a6198e5758%22%7d</a>	<u>Meeting Number</u> 281 850 148 120	<u>Password</u> WGNx4S
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Comments: Interested members of the public can participate via the Microsoft Teams Link or by the teleconference number provided in this meeting notice. Stakeholders who wish to attend in-person should register via the Webinar link and provide the requested information or email James Delosreyes at [james.delosreyes@nrc.gov](mailto:james.delosreyes@nrc.gov) before August 27, 2024.

Register here: <https://events.gcc.teams.microsoft.com/event/d9998df4-6a18-448f-8b5a-389e0c8d56c5@e8d01475-c3b5-436a-a065-5def4c64f52e>

The NRC provides reasonable accommodations to individuals with disabilities where appropriate. If you need a reasonable accommodation due to a disability 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 email [Reasonable\\_Accommodations.Resource@nrc.gov](mailto: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 effective accommodations to provide. At least ten (10) days advance notice is recommended in order for a request for accommodation 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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September 03, 2024, 09:00 AM to 12:30 PM ET

NRC One White Flint North, HQ-OWFN-01G05

11555 Rockville Pike

Rockville, MD

### NRC'S 2024 LAR WORKSHOP

**Purpose:** The NRC is hosting a workshop to discuss activities related to the development and review of licensing amendment requests (LAR). Workshop panelists from NRC and the industry plan to discuss processes and best practices for various phases of LAR development and review.

**When:** 9:00 am - 12:30 pm September 3<sup>rd</sup>

**Where:** Hybrid Microsoft Teams Meeting

One White Flint North (O1-G5)

NRC Headquarters

11555 Rockville Pike

North Bethesda, MD 20852

TIME	WORKSHOP AGENDA TOPICS	PARTICIPANTS
9:00 am	Welcome	James Delosreyes
9:05 am	Opening Remarks	Andrea Kock
9:10 am	Accident Tolerant Fuel and Increased Enrichment Rulemaking Update	James Delosreyes, Philip Benavides, and Joseph Messina
9:35 am	Industry Motivation for Use of Higher Burnup	Fred Smith
9:55 am	Industry Perspectives on a Modernized and Combined Risk-Informed LOCA Rule	Aladar Csontos, Tom Kindred, and Paul Clifford
10:25 am	Open Discussion	
10:35 am	Break	
10:45 am	Phenomena Identification and Ranking Tables for High Burnup Fuel Fragmentation, Relocation, Dispersal, and Its Consequences for Design-Basis Accidents	James Corson
11:00 am	Proposed FFRD Dose Consequence Guidance in DG-1425 (Draft Rev 2 of RG 1.183)	Elijah Dickson and David Garmon
11:15 am	Environmental Evaluation of ATF with Increased Enrichment and Higher Burnup Levels	Donald Palmrose
11:30 am	Spent Fuel Pool Regulatory Perspective	Kent Wood
11:45 pm	High Burnup Summary	Nathan Capps
12:05 pm	Open Discussion	
12:15 pm	Public Comment Period	
12:25 pm	Closing Remarks	
12:30 pm	Adjourn	

ADAMS Accession Number: ML24243A162

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Office	NRR
Name	G George
Date	07/18/2024

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Link to meeting details: <https://www.nrc.gov/pmns/mtg?do=details&Code=20240944>