

PUBLIC MEETING ANNOUNCEMENT

Title: Workshop: SCALE/MELCOR Non-Light Water Reactor (non-LWR) Fuel Cycle Demonstration Project for a Molten Salt Reactor

Date(s) and Time(s): July 11, 2024, 01:00 PM to 03:00 PM ET

Location: Teleconference

Category: This is an Information Meeting with a Question and Answer Session. The purpose of this meeting is for the NRC staff to meet directly with individuals to discuss regulatory and technical issues. Attendees will have an opportunity to ask questions of the NRC staff or make comments about the issues discussed throughout the meeting; however, the NRC is not actively soliciting comments towards regulatory decisions at this meeting.

Purpose: NRC is sponsoring public workshops on the SCALE/MELCOR non-LWR Fuel Cycle Demonstration Project. The workshops are part of the agency's efforts to prepare for safety reviews of non-LWR license applications. On July 11, 2024, from 1 – 3 P.M., the NRC will host a workshop highlighting the molten salt reactor (MSR) nuclear fuel cycle. This workshop will be held via MS Teams and the following topics will be covered:

- An overview of a representative fuel cycle that covers enrichment and transportation of uranium hexafluoride (UF₆), fresh fuel manufacturing, spent fuel transportation and storage;
- SCALE methods for predicting criticality, spent fuel fission product inventory and decay heats, as well as sample SCALE results; and,
- MELCOR methods and sample results for accident progression and fission product release to the environment.

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Participants: NRC External
NRC Staff Industry Representatives
 Oak Ridge National Lab
 Sandia National Lab

Teleconference: Bridge Number Conference ID Pass Code
(301) 576-2978 842983115

Webinar: URL Meeting Number Password
https://teams.microsoft.com/join/19%3ameeting_N2JmZmU5NGYtZjRjZi00MGVmLTlmYWMTZGVjYTVkODIwY2Ey%40thread.v2/0?context=%7b%22Tid%22%3a%22e8d01475-c3b5-436a-a065-5def4c64f52e%22%2c%22Oid%22%3a%22c06327e2-0a86-46ba-8b4a-4a49a8aadb54%22%7d N/A N/A

Comments: In addition to the webinar link provided, participants can alternatively call into the meeting by using the following Microsoft Teams bridgeline and conference ID:
Bridgeline: 301-576-2978

For additional details, please call the NRC meeting contact listed on the NRC Public Meeting Schedule or call the NRC's toll-free number, 1-800-368-5642, and ask the operator to be connected to the meeting contact Lucas Kyriazidis.

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. 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.

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Time	Topic	Speaker
1:00 - 1:10 pm	Introduction to the Project	NRC
1:10 - 1:30 pm	Overview of the MSR Fuel Cycle	NRC
1:30 - 2:15 pm	SCALE Approach and Results	Oak Ridge National Laboratory
2:15 - 3:00 pm	MELCOR Approach and Results	Sandia National Laboratories

ADAMS Accession Number: ML24107A937

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Link to meeting details: <https://www.nrc.gov/pmns/mtg?do=details&Code=20240552>