

PUBLIC MEETING ANNOUNCEMENT

Title: Workshop: SCALE/MELCOR Non-Light-Water Reactor (Non-LWR) Source Term Demonstration Project - Molten-Salt-Fueled Reactor

Date(s) and Time(s): September 13, 2022, 01:00 PM to 04:00 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: The NRC is sponsoring a workshop on the SCALE/MELCOR non-LWR source term demonstration project to prepare for safety reviews of non-LWR license applications. The workshop will cover the use of SCALE and MELCOR for modeling accidents for different classes of non-LWRs and include the following:

- An overview of the reactor class;
- SCALE methods for predicting core fission product inventory, decay heat, and reactivity feedbacks as well as sample SCALE results; and
- MELCOR methods for predicting core heat up and fission product release during an accident as well as sample MELCOR results.

A workshop on the molten-salt-fueled reactor will be held on September 13, 2022.

Contact: Jason Schaperow
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Jason.Schaperow@nrc.gov

Participants:

<u>NRC</u>	<u>External</u>
NRC Staff	Industry Representatives Oak Ridge National Lab Sandia National Lab

Teleconference:

<u>Bridge Number</u>	<u>Conference ID</u>	<u>Pass Code</u>
(301) 576-2978	544338985	

Webinar:

<u>URL</u>	<u>Meeting Number</u>	<u>Password</u>
https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZWEzMGYyNGQtZjZkZS00ZjBlLWJhYmMtYmMxOWRjZjJmZjc4%40thread.v2/0?context=%7b%22Tid%22%3a%22e8d01475-c3b5-436a-a065-5def4c64f52e%22%2c%22Oid%22%3a%22ca05b3d7-a9fb-43ea-9062-7420be05b82e%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 brideline and conference ID:
Brideline: 301-576-2978
Conference ID: 544 338 985#

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 Jason Schaperow.

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.

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Time	Topic	Speaker
1:00 - 1:15 pm	Introduction to the Project and Molten-Salt-Fueled Reactor	NRC
1:15 - 2:15 pm	SCALE Approach and Results	Oak Ridge National Laboratory
2:15 - 2:30 pm	Break	All
2:30 - 4:00 pm	MELCOR Approach and Results	Sandia National Laboratories

ADAMS Accession Number: ML22189A173

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Link to meeting details: <https://www.nrc.gov/pmns/mtg?do=details&Code=20220713>