

PUBLIC MEETING ANNOUNCEMENT

Title: Workshop: SCALE/MELCOR Non-Light-Water Reactor (Non-LWR) Fuel Cycle Demonstration Project for a High Temperature Gas-Cooled Reactor

Date(s) and Time(s): February 28, 2023, 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: The 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. The following topics are covered:
(1) An overview of a representative fuel cycle that covers enrichment and transportation of UF₆, fresh fuel manufacturing, and spent fuel transportation and storage;
(2) SCALE methods for predicting criticality, spent fuel fission product inventory and decay heats, as well as sample SCALE results;
(3) MELCOR methods and results for accident analyses and fission product release to the environment.
A workshop on the high-temperature gas-cooled reactor (HTGR) will be held on February 28, 2023.

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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 368193427#

Webinar: URL Meeting Number Password
https://teams.microsoft.com/join/19%3ameeting_YWfKNTIINDgtZjM0My00YTczLWEwMzItNWY3NGY3MGExOTRm%40thread.v2/0?context=%7b%22id%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
Conference ID: 368 193 427#

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 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 - 1:10 pm	Introduction to the Project	NRC
1:10 - 1:30 pm	Overview of the HTGR Fuel Cycle	Oak Ridge National Laboratory
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: ML23012A085

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Link to meeting details: <https://www.nrc.gov/pmns/mtg?do=details&Code=20230041>