

## PUBLIC MEETING ANNOUNCEMENT

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

**Date(s) and Time(s):** September 14, 2021, 01:00 PM to 04:00 PM EST

**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 public workshop on the non-LWR SCALE/MELCOR source term demonstration project. The workshop is part of the agency's efforts to prepare for safety reviews of non-LWR license applications. The workshop is intended to facilitate dialogue on the NRC staff's approach for source term. The workshop will cover the use of SCALE and MELCOR for modeling accidents for pebble-bed molten-salt-cooled reactors. The following topics will be covered:

1. An overview of the project and an overview of pebble-bed molten-salt-cooled reactors.
2. SCALE methods for predicting core fission product inventory and decay heat as well as sample SCALE results.
3. MELCOR methods for predicting core heat up and fission product release to the environment during an accident as well as sample MELCOR results.

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

**Teleconference:** Bridge Number Pass Code  
(301) 576-2978 356672409

**Webinar:** URL Meeting Number Password  
[https://teams.microsoft.com/join/19%3ameeting\\_NDAwMmQzNjUtNThjMS00NmRILWFhOTgtNDNjNGRhZWYzNDE2%40thread.v2/0?context=%7b%22id%22%3a%22e8d01475-c3b5-436a-a065-5def4c64f52e%22%2c%22oid%22%3a%22ca05b3d7-a9fb-43ea-9062-7420be05b82e%22%7d](https://teams.microsoft.com/join/19%3ameeting_NDAwMmQzNjUtNThjMS00NmRILWFhOTgtNDNjNGRhZWYzNDE2%40thread.v2/0?context=%7b%22id%22%3a%22e8d01475-c3b5-436a-a065-5def4c64f52e%22%2c%22oid%22%3a%22ca05b3d7-a9fb-43ea-9062-7420be05b82e%22%7d) NA NA

**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 Jason Schaperow.

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### Teleconference

Time	Topic	Speaker
1:00 - 1:15 pm	Introduction to the Project and Pebble-Bed Molten-Salt-Cooled Reactors	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

The NRC provides reasonable accommodation to individuals with disabilities where appropriate. If reasonable accommodation is needed to participate in this meeting, or if a meeting notice, transcript, or other information from this meeting is needed in another format (e.g., Braille, large print), please notify the NRC meeting contact. Determinations on requests for reasonable accommodation will be made on a case-by-case basis.

ADAMS Accession Number: ML21155A227

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Link to meeting details: <https://www.nrc.gov/pmns/mtg?do=details&Code=20210774>