

## PUBLIC MEETING ANNOUNCEMENT

**Title:** Meeting with the Electric Power Research Institute to Discuss Use of the Extremely Low Probability of Rupture Code for Loss-of-Coolant Accident Frequency Estimates

**Date(s) and Time(s):** January 19, 2023, 1:00 PM to 3:45 PM EST

**Location:** NRC Headquarters  
Two White Flint North, 6<sup>th</sup> Floor, Room D02  
11545 Rockville Pike  
Rockville, MD 20852-2738

**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:** Discuss technical aspects concerning use of the Extremely Low Probability of Rupture (xLPR) probabilistic fracture mechanics code to inform loss-of-coolant accident (LOCA) frequency estimates and related regulatory applications. This is a continuance of discussions held on June 14, 2022. Specific topics for discussion are provided in the agenda to this announcement.

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**Participants:** NRC    External  
Staff from the Office of Nuclear              Electric Power Research Institute  
Regulatory Research and Office              (EPRI)  
of Nuclear Reactor Regulation

**Webinar:** URL  
[https://teams.microsoft.com/join/19%3ameeting\\_ZmQwYmQxNzctODkyYi00MjRhLWE5YmUtOTgzMWIwY2IxODYx%40thread.v2/0?context=%7b%22id%22%3a%22e8d01475-c3b5-436a-a065-5def4c64f52e%22%2c%22oid%22%3a%22e720db65-2ba9-45d8-9310-03639e1daaf8%22%7d](https://teams.microsoft.com/join/19%3ameeting_ZmQwYmQxNzctODkyYi00MjRhLWE5YmUtOTgzMWIwY2IxODYx%40thread.v2/0?context=%7b%22id%22%3a%22e8d01475-c3b5-436a-a065-5def4c64f52e%22%2c%22oid%22%3a%22e720db65-2ba9-45d8-9310-03639e1daaf8%22%7d)

**Teleconference:** Bridge Number              Conference ID  
(301) 576-2978                                      820416217#

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](mailto: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.

# PUBLIC MEETING AGENDA

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Rockville, MD 20852-2738

<b>Time</b>	<b>Topic</b>	<b>Presenter</b>
1:00 PM – 1:10 PM	Introduction Opening Remarks	NRC staff NRC staff / EPRI
1:10 PM – 1:20 PM	Review of June 14, 2022, Public Meeting on Use of xLPR for LOCA Frequency Estimates	NRC staff
1:20 PM – 1:30 PM	Scope Change on Work Using the xLPR Code to Develop LOCA Frequency Estimates	EPRI
1:30 PM – 2:30 PM	Updates on Full-Scope Study Using the xLPR Code to Develop LOCA Frequency Estimates	EPRI
2:30 PM – 2:45 PM	Treatment of Non-xLPR-Modeled Failures	EPRI
2:45 PM – 3:05 PM	Use Cases for LOCA Frequency Estimates	NRC staff / EPRI
3:05 PM – 3:20 PM	Perspectives on EPRI Pilot Study Using the xLPR Code to Develop LOCA Frequency Estimates	NRC staff
3:20 PM – 3:35 PM	Updates to Example xLPR LOCA Frequency Estimates Compared to NUREG-1829 Expert Elicitation Results	NRC staff
3:35 PM – 3:45 PM	Public Questions and Answers	Public
3:45 PM	Adjourn	All

xLPR for LOCA Estimates Part 2 Meeting Notice and Agenda DATE January 4, 2023

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DATE

Jan 3, 2023

Jan 4, 2023

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