

PUBLIC MEETING ANNOUNCEMENT

Title: Public Meeting to discuss XFEM modeling of crack growth (hybrid)

Date(s) and Time(s): June 28, 2024, 08:30 AM to 01:30 PM ET

Location: NRC One White Flint North, F23
11555 Rockville Pike
Rockville, MD

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 the applicability of eXtended Finite Element Method (XFEM) and alternate technologies for modeling flaw propagation in complex, 3-Dimensional components. A presentation will be given by an NRC contractor on their experience with XFEM, and other presentations are currently planned. We are looking for others (within industry or Government, including international) who would be interested in presenting (in-person or via video) or discussing their experience with XFEM or alternate technology modeling of crack growth in complex structures.

Contact:	Jay Wallace	Jay Collins
	301-415-2418	301-415-2418
	jay.wallace@nrc.gov	jay.collins@nrc.gov

Participants:	<u>NRC</u>	<u>External</u>
	Office of Nuclear Regulatory Research	Electric Power Research Institute (EPRI)
	Office of Nuclear Reactor Regulation	Idaho National Laboratory
		Electric Utility Industry Representative

Webinar:	<u>URL</u>	<u>Meeting Number</u>	<u>Password</u>
	https://teams.microsoft.com/l/meetup-join/19%3ameeting_YzE2ZmY2NjctOGU2Ni00MjRILWEyNjYtM2lyMTkxNGNhYjBi%40thread.v2/0?context=%7b%22Tid%22%3a%22e8d01475-c3b5-436a-a065-5def4c64f52e%22%2c%22Oid%22%3a%22126bf7f9-eef0-47cf-83d5-343b531ac081%22%7d	234 988 258 429	TJA5GN

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.

PUBLIC MEETING AGENDA

Public Meeting to discuss XFEM modeling of crack growth (hybrid)

June 28, 2024, 08:30 AM to 01:30 PM ET

NRC One White Flint North, F23
11555 Rockville Pike
Rockville, MD

<i>Time</i>	<i>Topic</i>	<i>Speaker</i>
8:30	Introduction	NRC
8:35	NRC contractor presentation and discussion of XFEM experience	Bud Brust, Lance Hill
9:30	INL presentation and discussion (tentative)	Ben Spencer
10:15	Break	
10:30	EPRI presentation presentation (tentative)	Do-Jun Shim
11:15	TBD	
1:25	Public Comment	NRC
1:30	Meeting ends	NRC

ADAMS Accession Number: ML24158A236

Distribution:

OFFICIAL RECORD COPY

Link to meeting details: <https://www.nrc.gov/pmns/mtg?do=details&Code=20240759>

Commission's Policy Statement on "Enhancing Public Participation in NRC Meetings"
86 FR 14964, March 19, 2021
ADAMS No. ML21050A046
<https://www.nrc.gov/reading-rm/doc-collections/commission/policy/index.html>