



UNITED STATES
NUCLEAR REGULATORY
COMMISSION
WASHINGTON, D.C. 20555-0001

June 3, 2020

xLPR Probabilistic Fracture Mechanics Code Models Overview

Organization: Office of Nuclear Regulatory Research

Date: Wednesday, June 3, 2020; 10:00 a.m. – 12.00 p.m. (Eastern Daylight Time)

Purpose: The purpose of this meeting is to provide an overview of the models in the Extremely Low Probability of Rupture (xLPR) Version 2 code.

Webinar: Register and join here:
<https://usnrc.webex.com/usnrc/onstage/g.php?MTID=e0732e44ed943231808dc85f69047def5>

Meeting Number: 904 765 580

Stakeholders and interested members of the public can also participate in this meeting by audio teleconference using the toll-free bridge number **+1-415-527-5035** and passcode **904 765 580**.

International call-in numbers are available by location here:
<https://usnrc.webex.com/usnrc/globalcallin.php?MTID=eb90435aefa0762d1339d19e3a7556821>

Participants: NRC
Office of Nuclear Regulatory Research

External Participants
Electric Power Research
Institute (EPRI),
Stakeholders

Meeting Category: This is a **Category 3 meeting**. The NRC staff and EPRI will provide presentations on the Extremely Low Probability of Rupture (xLPR) Version 2 code with specific emphasis on the models used in the analyses. Members of the public are encouraged to ask questions and provide feedback.

The NRC's Policy Statement, "Enhancing Public Participation in NRC Meetings," effective May 28, 2002 (67 FR 36920), applies to this meeting. The policy statement may be found on the NRC Web site, <https://www.nrc.gov/reading-rm/doc-collections/commission/policy/67fr36920.html>, and contains information regarding visitors and security.

The NRC provides reasonable accommodation to individuals with disabilities, where appropriate. If you need a reasonable accommodation to participate in

this meeting or need a meeting notice, a transcript, or other information from this meeting in another format (e.g., Braille, large print, sign interpreters), please notify the meeting contact in advance of the meeting.

Determinations on requests for reasonable accommodation will be made on a case-by-case basis.

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SUBJECT: JUN 3, 2020, RES CATEGORY 3 PUBLIC MEETING WITH EPRI AND
STAKEHOLDERS TO PROVIDE OVERVIEW OF XLPR PROBABILISTIC
FRACTURE MECHANICS CODE MODELS

DATE: Jun 3, 2020

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CC: Giovanni Facco, Matthew Homiack, Daniel Shapiro, Raj Iyengar, Jeremy Bowen, Louise
Lund

ADAMS Accession No.: ML20142A429

*Via Email

OFC	RES/DE/CIB*	RES/DE/CIB*
NAME	GFacco	Rlyengar
DATE	5/21/2020	5/21/2020

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Enclosure: Meeting Agenda

MEETING AGENDA

xLPR Probabilistic Fracture Mechanics Code Models Overview

June 3, 2020

10:00 a.m. – 12:00 p.m. EDT

Webinar

<i>Time</i>	<i>Topic</i>	<i>Speaker</i>
10:00 AM	Introduction and Opening Remarks	NRC Staff / EPRI
10:15 AM	xLPR Code Overview	NRC Staff / EPRI
10:30 AM	Deterministic Models Overview <ul style="list-style-type: none">• Loads and Stresses• Stress Intensity Factors• Fatigue and Stress-Corrosion Cracking Initiation• Crack Growth and Coalescence• Crack Transition• Crack Opening Displacement• Leak Rate• Crack Stability• Inservice Inspection	NRC Staff / EPRI
11:40 AM	Questions and Answers	All
11:55 AM	Closing Remarks	NRC Staff / EPRI
12:00 PM	Adjourn	All