

June 08, 2016

Title: Fatigue Research and Related ASME Activities

Date(s) and Time(s): June 30, 2016, 08:30 AM to 04:30 PM

Location: NRC One White Flint North, 9 B4  
11555 Rockville Pike  
Rockville, MD

Category: This is a Category 2 meeting. The public is invited to participate in this meeting by discussing regulatory issues with the Nuclear Regulatory Commission (NRC) at designated points identified on the agenda.

Purpose: The purpose of the meeting is to discuss current research plans and ASME Code activities related to fatigue of nuclear components and structures

Contact: Robert Tregoning  
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Participants:	<u>NRC</u>	<u>External</u>
	Robert Tregoning, NRC Staff	Steve Gosselin Sam Ranganath Nathan Palm, Electric Power Research Institute (EPRI) David Steinenger, Electric Power Research Institute (EPRI)

Teleconference:	<u>Bridge Number</u>	<u>Pass Code</u>
	(888) 455-0049	47796#

# PUBLIC MEETING AGENDA

## Fatigue Research and Related ASME Activities

June 30, 2016, 08:30 AM to 04:30 PM

NRC One White Flint North, 9 B4  
11555 Rockville Pike  
Rockville, MD

<i><b>Time</b></i>	<i><b>Topic</b></i>	<i><b>Speaker</b></i>
8:30 am	Introductory Remarks	R. Tregoning, NRC
8:40 am	Overview of EPRI Fatigue Efforts and Roadmap	N. Palm, EPRI
9:10 am	EPRI Environmentally Assisted Fatigue Testing Efforts	D. Steininger, EPRI
10:10 am	Break	
10:25 am	Fatigue Usage Gradient and Life Factor Concept	S. Gosselin, LPI
12:00 pm	Lunch	
1:00 pm	Alternative Approaches for Simplified Elastic-Plastic Analysis	S. Ranganath, XGEN
2:30 pm	Break	
2:45 pm	E-Correction for High Cycle Fatigue	S. Ranganath, XGEN
3:45 pm	Effects of Irradiation on Fatigue Life	R. Tregoning/ N. Palm
4:15 pm	Public Comment Period	R. Tregoning, NRC
4:30 pm	Adjourn	

The time of the meeting is local to the jurisdiction where the meeting is being held.

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: ML16179A071

Distribution:

Kamal Manoly, NRR	Ian Tseng, NRR	Robert Tregoning, RES
Timothy Lupold, NRR	Robert Hardies, NRR	
John McHale, NRR	Yiu Law, NRO	
Chakrapani Basavaraju, NRR	Alexander Tsirigotis, NRO	
Kaihwa Hsu, NRR	Yueh-Li Li, NRO	
Allen Hiser, NRR	Appajosula Rao, RES	
Yong Li, NRR	Istvan Frankl, RES	
James Medoff, NRR	David Rudland, RES	

Name	Kathryn Brock
Office	RES
Date	06/08/2016

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Link to meeting details: <http://meetings.nrc.gov/pmns/mtg?do=details&Code=20160816>

## NOTIFICATIONS

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Commission's Policy Statement on "Enhancing Public Participation in NRC Meetings"  
67 Federal Register 36920, May 28, 2002  
The policy statement may be found on the NRC website  
<http://www.nrc.gov/reading-rm/doc-collections/commission/policy/67fr36920.html>