

PUBLIC MEETING ANNOUNCEMENT

Title: 2nd Annual Probabilistic Flood Hazard Assessment Workshop

Date(s) and Time(s): January 23, 2017, 01:00 PM to 05:00 PM
January 24, 2017, 08:00 AM to 05:00 PM
January 25, 2017, 08:00 AM to 05:00 PM

Location: NRC Two White Flint North, Auditorium
11545 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 this workshop is to inform internal NRC stakeholders, partner federal agencies, industry, and the general public about PFHA research being conducted by the NRC Office of Research and the Electric Power Research Institute under a NRC-EPRI MOU on Collaborative Nuclear Safety Research. NRC licensing staff and industry representatives will present their perspective PFHA research needs and priorities. Technical presentations will be given by NRC and EPRI contractors and staff. Partner Federal agencies will be invited to take part in a panel discussing and taking questions on their PFHA research and development programs. Technical presentation will include time for clarifying questions. General questions and answers periods will be scheduled at the end of each day for feedback and generic questions about research related to PFHA for nuclear facilities.

Contact: Meredith Carr
301-415-6322
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Teleconference: Bridge Number Pass Code
(415) 655-0060 432396182#

Webinar: URL Meeting Number Password
<https://attendee.gotowebinar.com/register/2336988154289086722> 714-355-091 none

Comments: The NRC requests interested members of the public to contact Meredith Carr as soon as possible to pre-register before the meeting or register online for the webinar. Copy and paste the webinar URL into your browser and register to receive the link to join the webinar.

For the meeting info:
<https://adamswebsearch2.nrc.gov/webSearch2/main.jsp?AccessionNumber=ML16356A451>

PUBLIC MEETING AGENDA

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		-	Draft Agenda: Monday, January 23rd, 2017		
			Topic	Speaker	
			Session 1A: Introduction		
13:00	-	13:10	Welcome		
13:10	-	13:25	Introduction by Mike Weber, Director, Office of Nuclear Regulatory Research		
13:25	-	13:45	Flooding Research Needs: Office of Nuclear Reactor Regulation Perspective	NRC/NRR	
13:45	-	14:05	Flooding Research Needs: Office of New Reactors Perspective	NRC/NRO	
14:05	-	14:40	Flooding Research Needs: NEI Task Force Perspective	NEI Task Force	
14:40	-	14:55	NRC Flooding Research Program Overview	NRC/RES	
14:55	-	15:10	EPRI Flooding Research Program Overview	EPRI	
15:10	-	15:25	BREAK		
			Session 1B: Storm Surge Research		
15:25	-	16:05	Quantifying Uncertainties in Probabilistic Storm Surge Models	USACE	
16:05	-	16:45	Probabilistic Flood Hazard Assessment – Storm Surge	EPRI	
16:45	-	17:05	Daily Wrap-up and Public Comments/Questions		
		-	Draft Agenda: Tuesday, January 24th, 2017		
			Topic	Speaker	
			Session 2A: Climate and Precipitation		
8:00	-	8:05	Day 2 Intro	TBD	
8:05	-	8:40	Regional Climate Change Projections: Potential Impacts to Nuclear Facilities	PNNL	
8:40	-	9:20	Numerical Modeling of Local Intense Precipitation Processes	USGS/UC Davis	
9:20	-	9:55	Extreme Precipitation Frequency Estimates for Orographic Regions	USBR	
9:55	-	10:10	BREAK		
10:10	-	10:50	Local Intense Precipitation Frequency Studies	EPRI	
			Session 2B: Leveraging Available Flood Information I		
10:50	-	11:20	Development of Flood Hazard Information Digests for Operating NPP sites	INL	
11:20	-	12:00	Guidance on Application of State-of- Practice Flood Frequency Analysis Methods and Tools	USGS	
12:00	-	12:30	Extending Frequency Analysis Beyond Current Consensus Limits	USBR	
12:30	-	13:45	LUNCH		
			Session 2C: Leveraging Available Flood Information II		
13:45	-	14:25	Collection of Paleoflood Evidence	EPRI	
14:25	-	15:05	Eastern US Riverine Flood Geomorphology Feasibility Study	USGS	
15:05	-	15:20	BREAK		
			Session 2D: Reliability of Flood Protection and Plant Response to Flooding Events I		
15:20	-	16:00	EPRI Flood Protection Project Status	EPRI	
16:00	-	16:40	Performance of Penetration Seals	Fire Risk Management	
16:40	-	17:00	Comments/Questions from Public		
17:00	-	17:10	Daily Wrap-up		
		-	Draft Agenda: Wednesday, January 25th, 2017		
			Topic	Speaker	
			Session 3A: Reliability of Flood Protection and Plant Response to Flooding Events II		
8:00	-	8:05	Day 3 Intro	TBD	
8:05	-	8:45	Effects of Environmental Factors on Manual Actions for Flood Protection and Mitigation at Nuclear Power Plants	PNNL	
8:45	-	9:25	Modeling Total Plant Response to Flooding Events	INL	
			Session 3B: Frameworks		
9:25	-	10:05	Technical Basis for Probabilistic Flood Hazard Assessment	PNNL	
10:05	-	10:20	BREAK		
			Session 3C: Frameworks II		
10:20	-	11:00	Evaluation of Deterministic Approaches to Characterizing Flood Hazards	EPRI	
11:00	-	11:40	Probabilistic Flood Hazard Assessment Framework Development	USACE	
11:40	-	12:20	Riverine Flooding and Structured Hazard Assessment Committee Process for Flooding (SHAC-F)	PNNL/ Coppersmith Consulting	
12:20	-	13:35	LUNCH		
			Session 3D: Panel Discussion		
13:35	-	15:05	PFHA Research Activities in Partner Agencies	Various	
15:05	-	15:20	BREAK		
			Session 3E: Future Work in PFHA		
15:20	-	15:50	Future Work in PFHA at EPRI	EPRI	
15:50	-	16:20	Future Work in PFHA at NRC	NRC	
16:20	-	16:40	Public Comments/Questions		
16:40	-	16:55	Final Wrap-up		

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: ML17023A069

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Link to meeting details: <http://meetings.nrc.gov/pmns/mtg?do=details&Code=20161594>