

January 09, 2024

Title: Workshop on Human Factors Considerations for Remote Operation of Nuclear Facilities

Date(s) and Time(s): January 31, 2024, 09:00 AM to 05:00 PM ET  
February 01, 2024, 09:00 AM to 05:00 PM ET

Location: NRC Two White Flint North, P2 Auditorium  
11545 Rockville Pike  
Rockville, MD

Category: This is an Information Meeting with a Question and Answer Session. The purpose of this meeting is for the NRC staff to meet directly with individuals to discuss regulatory and technical issues. Attendees will have an opportunity to ask questions of the NRC staff or make comments about the issues discussed throughout the meeting; however, the NRC is not actively soliciting comments towards regulatory decisions at this meeting.

Purpose: The purpose of this workshop is to facilitate discussion with nuclear industry representatives on human factors considerations for remote operation of nuclear facilities. The goals of this workshop are to 1) understand concepts of operations the nuclear industry is considering that may include elements of remote operation, and 2) gain insights regarding how well-suited NRC's current guidance is for the human factors review of these concepts.

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Participants: NRC                                      External  
Office of Nuclear Regulatory Research                      Idaho National Laboratory  
Office of Nuclear Reactor Regulation

Teleconference: Bridge Number                      Conference ID                      Pass Code  
(301) 576-2978                                      347561788

Webinar: URL                                      Meeting Number                      Password  
[https://teams.microsoft.com/l/meetup-join/19%3ameeting\\_OTZmZGQ0NTEtYTU2OC00ZDg4LTgzODUtNTNmMTBmOTA2NzJm%40thread.v2/0?context=%7b%22id%22%3a%22e8d01475-c3b5-436a-a065-5def4c64f52e%22%2c%22oid%22%3a%2245af0c3d-5cdd-48c9-bd14-2c9cdcc778bf%22%7d](https://teams.microsoft.com/l/meetup-join/19%3ameeting_OTZmZGQ0NTEtYTU2OC00ZDg4LTgzODUtNTNmMTBmOTA2NzJm%40thread.v2/0?context=%7b%22id%22%3a%22e8d01475-c3b5-436a-a065-5def4c64f52e%22%2c%22oid%22%3a%2245af0c3d-5cdd-48c9-bd14-2c9cdcc778bf%22%7d)                      235 552 817 704                      BwjtXN

Comments: This will be a hybrid meeting, held in-person in the Auditorium at NRC Headquarters in Rockville, MD, and virtually via Microsoft Teams. In-person participants must pre-register to obtain an NRC visitor badge by emailing Niav Hughes Green ([Niav.hughes@nrc.gov](mailto:Niav.hughes@nrc.gov)) with the following information:  
- Full Name  
- Affiliation (Company/Organization)  
- Citizenship

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

## Workshop on Human Factors Considerations for Remote Operation of Nuclear Facilities

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NRC Two White Flint North, P2 Auditorium  
11545 Rockville Pike  
Rockville, MD

### WORKSHOP DAY 1 – JAN 31, 2024

TIME	TOPIC	SPEAKER
9:00 AM – 10:00 AM	Workshop Opening and Introductions	NRC
10:00 AM – 10:15 AM	BREAK	
10:15 AM – 11:30 AM	Overview of NRC Ongoing Regulatory Development Areas	NRC
11:30 AM – 1:00 PM	LUNCH (On Own)	
1:00 PM – 2:30 PM	Session 1: Industry Presentations on Remote Operation Concepts & Discussion	Industry
2:30 PM – 2:45 PM	BREAK	
2:45 PM – 4:15 PM	Session 2: Industry Presentations on Remote Operations Concepts & Discussion	Industry
4:15 PM – 4:30 PM	Public Comments	NRC/Public
4:30 PM	Day 1 Adjourn	NRC

### WORKSHOP DAY 2 – FEB 1, 2024

TIME	TOPIC	SPEAKER
9:00 AM – 9:15 AM	Day 2 Opening	NRC
9:15 AM – 10:15 AM	Stakeholder Presentations & Discussion	Industry
10:15 AM – 10:30 AM	BREAK	
10:30AM – 11:00 AM	Human Factors Elements of a Licensing Application & Discussion	NRC
11:00 AM – 11:30 AM	Scalable Human Factors Engineering Reviews and Use of Human Factors Engineering Guidance	NRC
11:30 AM – 1:00 PM	LUNCH (On Own)	
1:00 PM – 1:30 PM	Summary of Range of Concept of Operations Discussed on Day 1	NRC/INL
1:30 PM – 2:45 PM	Breakout Discussions of Concepts of Operations for Remote Operation (In-person activity)	All In-Person Participants
2:45 PM – 3:00 PM	BREAK	
3:00 PM – 3:45 PM	Summary of Breakout Discussions & Key Takeaways	NRC/INL
3:45 PM – 4:00 PM	Public Comments	NRC/Public
4:00 PM – 4:15 PM	Day 2 Closing – End of Workshop and Next Steps	NRC

\* This agenda is tentative and subject to change. Topic times are estimated, and depending on the participation level, the meeting could adjourn earlier than expected.

ADAMS Accession Number: ML24030A060

Office		RES/DRA/HFRB	RES/DRA/HFRB
Name		Stephanie Morrow	Milton Valentin
Date		01/09/2024	01/09/2024

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Link to meeting details: <https://www.nrc.gov/pmns/mtg?do=details&Code=20240019>