



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

January 25, 2024

MEMORANDUM TO: Pat Finney, Chief
Reactor Assessment Branch
Division of Reactor Oversight
Office of Nuclear Reactor Regulation

FROM: David M. Aird, Reactor Operations Engineer /RA/
Reactor Assessment Branch
Division of Reactor Oversight
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF THE REACTOR OVERSIGHT PROCESS
BI-MONTHLY PUBLIC MEETING HELD ON JANUARY 17, 2024

On January 17, 2024, the U.S. Nuclear Regulatory Commission (NRC) staff hosted a public meeting with the Nuclear Energy Institute's (NEI's) Reactor Oversight Process (ROP) Task Force executives, other senior industry executives, and various external stakeholders to discuss the staff's progress on initiatives related to the ROP. The topics discussed during this hybrid meeting are described below.

Applicability of 10 CFR Part 26 work hour controls to contractor travel time

The NRC staff provided a brief presentation summarizing a public inquiry concerning the applicability of 10 CFR Part 26 work hour controls to the time spent by contractors traveling between nuclear power plant sites and the conclusions the staff has drawn based upon its review of the requirements, related guidance, and frequently asked question responses. The staff noted that it plans to issue a federal register notice requesting comment on a draft response to the inquiry. Following resolution of any comments, the staff would then post the final response on the NRC's public webpage, [Frequently Asked Questions About Managing Fatigue](#).

Presentation - 10 CFR 26, Subpart I Applicability to Travel Time - [ML24010A037](#)

CONTACT: David M. Aird, NRR/DRO
301-287-0725

Discussion of Revised AP1000 White Paper

A short discussion was held regarding final revisions to the submitted white paper which removed references to main feedwater availability.

Revised ROP Whitepaper: Modification of the Description of Unplanned Scrams with Complications Performance Indicator to Reflect AP1000 Design - [ML24023A026](#).

NRC Response to FAQ 23-03

NextEra staff previously introduced a draft frequently asked question (FAQ) related to a site-specific exemption for IE01, Unplanned Scrams per 7000 hours. Turkey Point Unit 3 experienced a scram on September 22, 2023, caused by a lightning strike and grid disturbance. The NRC staff accepted this as FAQ 23-03 for review at ROP public meeting on the November 17, 2023.

In summary, the NRC reviewed the draft FAQ and presented a proposed response of not granting an exemption from IE01, Unplanned Scrams per 7,000 hours for the event on September 22, 2023.

Following the presentation of the proposed NRC response, NextEra verbally withdrew this FAQ for consideration. However, post meeting, NextEra decided to not withdraw the FAQ and will tentatively present additional supporting information at the next ROP bi-monthly public meeting.

Proposed NRC response to FAQ 23-03 - [ML24012A042](#)

Update on NRC Review of Draft NEI 99-02 Revision 8

NRC staff are continuing the review of a draft revision 8 to NEI 99-02, "Regulatory Assessment Performance Indicator Guideline." The intent is to hold a standalone public meeting on this topic in March 2024.

Upcoming Revision to Fire Protection Significance Determination Process Guidance

NRC staff discussed planned revisions to IMC 0609, Appendix F, "Fire Protection Significance Determination Process (SDP)," its eight attachments and the basis document, IMC 0308, Attachment 3, Appendix F, "Technical Basis Fire Protection SDP (Supplemental Guidance for Implementing IMC 0609 Appendix F) At Power Operations." The purpose of the revision is to incorporate fire protection information that has been updated since the last revision of the suite of guidance documents in 2018. Specifically, the planned revisions will incorporate the following updated information:

- Revised heat release rate (HRR) and zone of influence (ZOI) information for transient fires from NUREG-2233, "Methodology for Modeling Transient Fires in Nuclear Power Plant Fire Probabilistic Risk Assessment."
- Revised HRRs and ignition source categories for electrical cabinets, dry transformers, and electric motors from NUREG-2178 Vol. 2, "Fire Modeling Guidance for Electrical Cabinets, Electric motors, Indoor Dry Transformers, and the Main Control Board."
- New guidance for high energy arcing faults from NUREG-2262, "High Energy Arcing Fault Frequency and Consequence Modeling."

- The heat soak method, as described in NUREG/CR-6850, Vol 2, “EPRI/NRC-RES Fire PRA Methodology for Nuclear Power Facilities, Volume 2: Detailed Methodology” and NUREG-2232, “Heat Release Rate and Fire Characteristics of Fuels Representative of Typical Transient Fire Events in Nuclear Power Plants.” The ZOI and time to damage tables and plots will apply the heat soak method instead of the point source method.

The staff is currently reviewing the revised procedures and expects to complete the revisions in the spring of 2024.

Status of ERFER Performance Indicator

Staff provided a status update for the pilot of the proposed Emergency Response Facility and Equipment Performance Indicator (ERFER PI). Additional information was shared related to the scope and timing in response to questions from the industry.

Upcoming Revision to Emergency Preparedness SDP Guidance

Staff provided a status update of the in-progress revision to IMC 0609, Appendix B, “Emergency Preparedness Significance Determination Process,” and asked the ROP Task Force if they desired an additional public meeting. The last meeting to discuss this revision was held on November 21, 2019 ([ML19309G219](#)). NEI indicated a preference to holding an additional public meeting on this topic. NRC staff from the Office of Nuclear Security and Incident Response (NSIR) and the Office of Nuclear Reactor Regulation (NRR) are considering scheduling an additional public meeting in the future.

Update on Current Efforts to Evaluate the Baseline Security SDP (BSSDP)

In 2023, NRC staff began reviewing the BSSDP to identify any aspects of the guidance that can be improved, or further risk informed. A working group (WG) of subject matter experts from various NRC offices was assembled and will take a phased approach to reviewing the BSSDP. The WG includes an inspector from each region, NSIR, the Technical Training Center, the Office of Enforcement, and NRR.

WG Phase I (Jan-June 2024)

- Evaluate data collected on the current BSSDP (e.g., internal agency surveys and responses, finding reviews, etc.)
- Identify any areas for improvement, if needed and as appropriate, and present options to NRC management for consideration.

WG Phase II (TBD)

- If directed by NRC management from the results of Phase I, the WG may commence Phase II of the effort in a manner based on the option selected.

The WG held their kick-off and Phase I meetings on January 17-18, 2024. The WG continues to evaluate the current BSSDP and will create options for NRC management review and consideration. Subsequent WG meetings and periodic NRC management WG status meetings will be held over the next few months to complete Phase I. Once Phase I is completed, the outcomes of the WG efforts will be communicated to NRC management for review and decision for path forward.

Information on corporate level inspections

On December 15, 2023, the NRR staff hosted a webinar Observation meeting with representatives from NEI, various licensee staff, and members of the public to discuss corporate level inspections. The meeting summary is available at [ML24004A161](#).

The Next ROP Meeting

The next ROP bi-monthly public meeting is tentatively scheduled for March 26, 2024.

Communicating with the NRC Staff

At the start of all ROP public meetings, the project manager provides contact information for the public to use to provide their name and affiliation as a participant in the meeting. This contact information is also provided for submitting questions and comments to the NRC technical staff. Please note that any questions and/or comments pertaining to the ROP can be sent to David.Aird@nrc.gov and will be forwarded to the appropriate NRC staff. The "Contact Us about ROP" page on the ROP public website can also be used to submit questions and comments regarding the ROP (<https://www.nrc.gov/reactors/operating/oversight/contactus.html>).

Conclusion

At the end of the meeting, NRC and industry management gave closing remarks. The industry representatives expressed appreciation for the open dialogue and willingness of NRC staff to hear industry views. The NRC management stressed the importance of the NRC being focused on providing reasonable assurance of public health and safety when considering changes to the ROP.

The following link contains the meeting agenda and other information: [ML24005A061](#)

The enclosure provides the attendance list for this meeting.

Enclosure:
As stated

SUBJECT: SUMMARY OF THE REACTOR OVERSIGHT PROCESS BI-MONTHLY PUBLIC MEETING HELD ON JANUARY 17, 2024 - DATED JANUARY 25, 2024

ADAMS Accession No.: ML24025A088

*** = via email**

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NAME	DAird	PFinney*	DAird
DATE	1/25/2024	1/25/2024	1/25/2024

OFFICIAL RECORD COPY

LIST OF ATTENDEES

REACTOR OVERSIGHT PROCESS BI-MONTHLY PUBLIC MEETING

January 17, 2024 - 9:00 AM to 11:00 AM

Name	Organization ¹	Name	Organization
Steve Catron	NextEra	David Aird	NRC
Ken Mack	NextEra	Brett Jebbia	NRC
Tim Riti	NEI	Dave Desaulniers	NRC
Travis Bennett	Southern	Philip McKenna	NRC
Justin Wearne	PSEG	Zack Hollcraft	NRC
Nicole Good	STARS Alliance	Cheryl Khan	NRC
Larry Nicholson	Certrec	Alex Pena	NRC
Amy Chamberlain	Unknown	Jeff Rady	NRC
David Young	NEI	Alan Konkak	NRC
Melisa Krick	Talen Energy	Christian Henckel	NRC
David Gudger	Constellation	Larry Sinclair	NRC
Brad Dolan	TVA	James Gaslevic	NRC
Robin Ritzman	Curtiss-Wright	Daniel Merzke	NRC
Charlene Chotalal	Dominion	Eric Bowman	NRC
Thomas Basso	NEI	Sarah Obadina	NRC
Christian Williams	Constellation	John Hughey	NRC
Mimi King-Patterson	TVA	Joshua Havertape	NRC
Roy Linthicum	Constellation	Jeff Bream	NRC
Darlene Delk	TVA	Lisa Regner	NRC
Mark Unruh	Unknown	Don Johnson	NRC
Deann Raleigh	Curtiss-Wright	Lundy Pressley	NRC
Gordon Williams	Unknown	Jack Bell	NRC
Rob Burg	EPM, Inc	Musab Abuhamdan	NRC
Andrew Mauer	NEI	Pat Finney	NRC
Kara Stacy	Southern	Naeem Iqbal	NRC
Veena Gubbi	State of New Jersey	Douglas Bollock	NRC
Russell Thompson	TVA	Tim Marshall	NRC
Carrie Seipp	Xcel Energy	Michael Hay	NRC
Abul Hasanat	Constellation	William Rautzen	NRC
Issac Mulhern	Unknown	Alex Garmoe	NRC
Kim McNally	Unknown	James Drake	NRC
Suzanne Loyd	Constellation	David Garmon	NRC
Stuart Rymer	TVA	Richard Ramson	NRC
Jonathan Zeitz	State of New Jersey	Samuel McClay	NRC
Marty Murphy	Unknown	Ronald Cureton	NRC
Jerry Humphreys	State of New Jersey	Rob Krsek	NRC

¹ Unknown organization indicates that the participant's affiliation was not provided by the issuance of this meeting summary.

Name	Organization	Name	Organization
Andrew Zach	EPW	John ODonnell	NRC
James Pak	Dominion	Christopher Cauffman	NRC
Jeffery Stone	Constellation	Bonnie Stohr	NRC
Carlos Sisco	Winston and Strawn	Charles Murray	NRC
Jeanne Johnston	Southern	Douglas Dodson	NRC
Edwin Lyman	UCS	James Kepley	NRC
Bridget Johns	Certrec	Phyllis Clark	NRC
Alicia Davis	Unknown	Robert Fisher	NRC
Natasha Greene	NRC	Larry Grimes	NRC
Kenneth Kolaczyk	NRC	Reinaldo Rodriguez	NRC
Jimmy Chang	NRC	Sebastien Bruneau	NRC
Joylynn Quinones-Navarro	NRC	Caty Nolan	NRC
Tony Nakanishi	NRC	Michelle Kichline	NRC
Kimberlee Edwards	NRC	Eric Miller	NRC
Nick Melly	NRC	Antonios Zoulis	NRC
Jonathan Fiske	NRC	Shane Sandal	NRC
Matthew Humberstone	NRC	Jordon Alston	NRC
Justin Copeland	NRC	Gabe Taylor	NRC
Brad Bishop	NRC	Avinash Jaigobind	NRC
Shiattin Makor	NRC	Shakur Walker	NRC
Ashley Demeter	NRC	Melissa Ash	NRC