



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

August 8, 2024

MEMORANDUM TO: Gerond A. George, Chief  
Licensing Projects Branch  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

FROM: Leslie C. Fields, Senior Project Manager /RA/  
Licensing Projects Branch  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF THE MAY 2, 2024, CLOSED PRESUBMITTAL  
MEETING BETWEEN THE US NUCLEAR REGULATORY  
COMMISSION AND THE PRESSURIZED WATER REACTOR  
OWNERS GROUP TO DISCUSS A CONCEPTUAL ON-LINE  
MONITORING PROGRAM FOR TECHNICAL SPECIFICATION  
INSTRUMENTATION (EPID L-2024-NFN-0005)

On May 2, 2024, the U.S. Nuclear Regulatory Commission (NRC) staff held a closed meeting with representatives from the Pressurized Water Reactor Owners Group (PWROG) to discuss the preapplication of a proposed on-line monitoring (OLM) software program for technical specification instrumentation. The meeting notice and agenda for the closed meeting are available in the NRC's Agencywide Documents Access and Management System (ADAMS) at Accession No. ML24093A282. The meeting attendance list is enclosed in this summary.

Due to the proprietary nature of the discussion, the meeting was closed to the public. The main purpose of the meeting was to obtain NRC staff's preapplication feedback prior to submitting topical report (TR) for NRC review. The PWROG representatives provided information on a proposed conceptual TR and presented a rationale for performance monitoring of the technical specification instrumentation to be used as the basis for establishing channel calibration frequency.

The meeting topics included an overview of a conceptual OLM program which included: (1) an executive summary of the PWROG OLM program for the TR, (2) key considerations for the OLM program, and (3) information about the use of machine learning to establish the frequency for surveillances that will be included in a future TR. The NRC staff engaged in several preapplication topics that should be considered when submitting a TR on this subject matter for the NRC acceptance and approval. The PWROG representatives stated that the TR is expected to be submitted in October 2024 with an application request for a standard review.

G. George

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At the conclusion of the meeting, all participants were informed that the feedback provided during the meeting met the goals and objectives of the meeting. No regulatory decisions or commitments were made during the meeting.

Please direct any inquiries to me at (301) 415-1186 or by email at [leslie.fields@nrc.gov](mailto:leslie.fields@nrc.gov).

Enclosure:  
List of Attendees

LIST OF ATTENDEES

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NUCLEAR REGULATORY COMMISSION AND THE PRESSURIZED WATER REACTOR  
OWNERS GROUP TO DISCUSS A CONCEPTUAL ON-LINE MONITORING PROGRAM FOR  
TECHNICAL SPECIFICATION INSTRUMENTATION

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Sergiu Basturescu
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Luis Betancourt
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David Rahn
Aditya Savara
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Raj Iyengar
Trey Hathaway
Charley Peabody
Calvin Cheung
Undine Shoop
Kaitlyn Cottrell
Tim Marshall
Matthew Hamm
John Matrachisia
Alex Prada
Anita Ghosh Naber
Tarico Sweat
Tristan Villarreal
Joseph Bass

<b>Pressurized Water Reactor Owners Group (PWROG) and Industry Representatives</b>
<b>Name</b>
James Andrachek
Jim Lynde
John Moorehead
Dana Schlosser
Randy Bickford
Ernest E Cerveny
Scott B Harris
James Zaborowski
Zachary Crane
Chad Holderbaum

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**ADAMS Accession Nos.:**

**ML24172A276 (Package)**

**ML24093A282 (Meeting Notice)**

**ML24172A277 (Meeting Summary)**

**\*eConcurrence**

**NRR-106**

OFFICE	NRR/DORL/LLPB/PM*	NRR/DORL/LLPB/LA*	NRR/DORL/LLPB/BC*	NRR/DORL/LLPB/PM*
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DATE	07/24/2024	07/25/2024	07/30/2024	08/08/2024

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