



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

April 21, 2017

MEMORANDUM TO: Mandy K. Halter, Acting Chief
Performance Assessment Branch
Division of Inspection and Regional Support
Office of Nuclear Reactor Regulation

FROM: Ayesha Athar, Reactor Operations Engineer */RA/*
Performance Assessment Branch
Division of Inspection and Regional Support
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF THE REACTOR OVERSIGHT PROCESS WORKING
GROUP PUBLIC MEETING HELD ON APRIL 13, 2017

On April 13, 2017, the U.S. Nuclear Regulatory Commission (NRC) staff hosted the Reactor Oversight Process (ROP) Working Group (WG) public meeting with the Nuclear Energy Institute (NEI) ROP Task Force and other industry representatives. Meeting attendees discussed the ROP topics on the April 2017 meeting agenda (Agencywide Documents Access and Management System (ADAMS) Accession No. ML17093A907).

Enclosure 1 contains the meeting attendance list.

Enclosure 2 (ADAMS Accession No. ML17114A061) contains the Frequently Asked Questions (FAQ) Log and the FAQ discussed during the meeting.

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Frequently Asked Questions

In the area of the PI program, these are the current FAQs under discussion:

- FAQ 16-04: This FAQ was proposed by Tennessee Valley Authority (TVA), concerning a reported Safety System Functional Failure (SSFF) at their Browns Ferry 2 unit during a planned maintenance outage for the High Pressure Safety Injection system where a breaker failed. The resident inspectors determined that this failure was not related to the maintenance activity and therefore was reportable as a SSFF. The licensee stated that since the failure occurred during a maintenance outage, it should not count towards the SSFF PI and is requesting that NEI 99-02, "Regulatory Assessment Performance Indicator Guidelines," be updated to include guidance that would allow licensees to not report SSFFs for the PI under these circumstances. The staff provided a draft response in the March public meeting outlining that NUREG-1022 already allows for licensees to not report conditions caused during planned maintenance as long as Technical Specification action statements are met. As such, no update to NEI 99-02 guidance is required. The staff made editorial changes to the NRC response and provided that during the April meeting. Following that discussion, this FAQ was made final.
- FAQ 17-01 is also open but was not discussed during this meeting, a draft response was provided in March. The staff is conducting internal discussions and committed to discussing their final draft proposal during the May working group meeting.
- FAQ 17-02: This FAQ was proposed by Arizona Public Service regarding a rapid downpower due to a turbine trip followed by a manual scram. The licensee believes this event should count as one unplanned scram, but the residents believe that the scram was a separate event and should count as a separate scram along with an unplanned power change. The staff reviewed the FAQ and questioned the ROP Task Force and licensee on the intent of NEI 99-02 for this circumstance. The staff committed to reviewing the procedure the licensee used during the event and providing a draft response in May.
- FAQ 17-03: This FAQ, involving a previously presented white paper on critical hour's updates for changes to Mitigating Systems Performance Indicator maintenance philosophy, was introduced and discussed. The staff will provide a draft response for discussion in the May meeting.

Issues Related to Cabling for Containment High-Range Radiation Monitors

During the April 13, 2017, ROP public meeting, the staff discussed recent issues related to cabling for containment high-range radiation monitors (CHRRMs). These issues were documented in [IN 97-45](#), "Environmental Qualification Deficiency for Cables and Containment Penetration Pigtails," and [IN 97-45, Supplement 1](#), "Environmental Qualification Deficiency for Cables and Containment Penetration Pigtails."

The staff provided background information related to IN 97-45, and the actions that San Onofre Nuclear Generating Station took in response to issues with CHRRM coax cabling. The staff also discussed the additional issues discussed in IN 97-45, Supplement 1, which focused on thermally induced current (TIC). The staff also discussed the EPRI testing that was performed in response to IN 97-45. In addition, the staff discussed a range of licensee actions taken in response to IN 97-45.

The staff concluded its presentation with a discussion of potential concerns. The staff's concerns were that after EPRI confirmed the TIC phenomena, licensees may not have appropriately addressed TIC. In addition, the staff noted that the robustness of the coax cable and connectors was not addressed by EPRI but it was addressed in IN 97-45. Therefore, licensees may not have considered the robustness of the coax cable and connectors in their response to IN 97-45.

After the staff presentation, industry representatives noted that several CHRRM designs are in operation, and that different designs may be more or less susceptible to the issues considered in IN 97-45. Industry representatives also inquired if the NRC planned to take any additional actions at this time. The staff stated that at this time, no additional actions are planned.

The NRC staff slides from the public meeting this morning are publicly available in [ADAMS ML17103A133](#).

The next ROP WG public meeting is scheduled to be held on May 18, 2017.

Enclosures:

1. Attendance List
2. FAQ Log

M. Halter

**SUBJECT: SUMMARY OF THE REACTOR OVERSIGHT PROCESS WORKING GROUP
PUBLIC MEETING HELD ON APRIL 21, 2017**

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***concurring via email**

OFFICE	NRR/DIRS/IPAB	Acting BC:NRR/DIRS/IPAB	NRR/DIRS/IPAB
NAME	AAthar	MHalter	AAthar
DATE	04/21 /17	04/21/17	04/21/17

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**REACTOR OVERSIGHT PROCESS PUBLIC MEETING
ATTENDANCE LIST
April 13, 2017**

Andrew Waugh	NRC
Joanna Bridge	NRC
Zack Hollcraft	NRC
See-Meng Wong	NRC
Jason Carneal	NRC
Mike Greenleaf	NRC
Theo Fanelli	NRC
Dan Merzke	NRC
Tony Gody	NRC
Tony Brown	NRC
Greg Casto	NRC
Eric Thomas	NRC
Jim Slider	NEI
George Andrews	APS
Robert Chu	APS
Jim Little	
Darani Reddick	Exelon
Robin Ritzman	First Energy
Tony Zimmerman	Duke Energy
Peter Wilson	TVA
Ron Gaston	Exelon
Steve Hutchins	
Ken Heffner	Certrec
Eric Katzman	NextEra
Larry Parker	STARS
Lenny Sueper	Xcel Energy
Rebecca Steinman	

Please note that the attendance list may not include all attendees.