

November 9, 2016

MEMORANDUM TO: Nathan Sanfilippo, Chief  
Performance Assessment Branch  
Division of Inspection and Regional Support  
Office of Nuclear Reactor Regulation

FROM: Andrew Patz, 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 OCTOBER 19, 2016

On October 19, 2016, 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 October 2016 meeting agenda (Agencywide Documents Access and Management System (ADAMS) Accession No. ML16280A266).

Enclosure 1 contains the meeting attendance list.

Enclosure 2 (ADAMS Accession No. ML16313A442) contains the FAQ Log and the FAQ discussed during the meeting.

Frequently Asked Questions

In the area of the Performance Indicator (PI) program, staff and industry finalized FAQ 16-03:

- FAQ 16-03: As part of NRC Regulatory Issue Summary (RIS) 2015-06, "Tornado Missile Protection," some licensees have found minor gaps in tornado missile protection of safety equipment. This FAQ addresses how these gaps should be reported for the Safety System Functional Failures performance indicator (PI). The NRC agreed that only the first failure should count toward the Safety System Functional Failure (SSFF) PI. This guidance only applies to tornado missile protection issues that are given enforcement discretion in Enforcement Guidance Memorandum (EGM) 15-002. FAQ 16-03 is now considered final with an effective date of July 1, 2016.

CONTACT: Andrew Patz, NRR/DIRS/IPAB  
(301) 415-2303

Inspection Manual Chapter 0609, Appendix M

The Probabilistic Risk Assessment (PRA) Operations and Human Factors Branch (APHB) staff provided an update of the revision project for Inspection Manual Chapter (IMC) 0609, Appendix M, "Significance Determination Process Using Qualitative Criteria." NRC staff review of NEI/industry comments on the draft IMC 0609, Appendix M, and draft IMC 0308, Attachment 3, Appendix M, "Technical Basis for the Significance Determination Process (SDP) Using Qualitative Criteria," were discussed and clarifications were provided on specific areas of interest to licensees in the various Sections of the draft documents. A document of the NRC response to NEI/Industry comments will be made publicly available in ADAMS. The staff also informed the meeting participants of plans to perform tabletop exercises at the November 2016 ROP WG public meeting. The selected set of SDP cases for the tabletop are three examples each for (i) human performance issues and (ii) flooding issues.

MSPI Planned Unavailability Baseline

The industry ROP Task Force presented a white paper proposing clarification of NEI 99-02 guidance for plants adjusting their planned unavailability baseline data for the Mitigating Systems Performance Index (MSPI). Guidance for what plants should do to update critical hours has been missing. The staff committed to reviewing the proposed changes and returning with any questions in the November public meeting.

Component Design Basis Inspection (CDBI) Update

Reactor Inspection Branch staff provided an update on the upcoming changes to the CDBI program. The pilot project has been completed and final lessons learned from the pilot are being placed into inspection procedures. The revised CDBI design inspection procedures will consist of a two week inspection with four NRC staff and two contractors. The CDBI equipment qualification program implementation inspection will also be a two week inspection, but with only three NRC staff. The modification portion of the inspection, which is currently in Inspection Procedure (IP) 71111.17T, "Evaluations of Changes, Tests and Experiments and Permanent Plant Modifications," is being moved to the CDBI design inspection procedure, IP 71111.21M, "Component Design Bases Inspection (Teams)." The IP 71111.17T inspection procedure will be reduced to a one week inspection with three NRC inspectors focused on the modification process described in Title 10 of the Code of Federal Regulations, Part 50.59, "Changes, Tests, and Experiments." Staff is working to make the guidance public in November and start the updated CDBI program for all reactor licensees beginning on January 1, 2017.

Performance Indicators for New Reactors

In the September 2016 ROP WG public meeting, industry provided comments on the staff's white paper on possible Mitigating Systems PIs for the AP1000 reactors. After reviewing the industry comments, staff considered the feasibility of new PIs and the level of effort necessary to evaluate and implement them combined with the lack of AP1000 operational data that makes their effectiveness unpredictable. Staff will recommend to the Commission to suspend the development of new PIs until operating data can be evaluated and then revisit the effort. New AP1000 reactors would start up without the MS06 through MS10 PIs and the only Mitigating Systems PI will be SSFF PI. Staff will summarize the work completed on this topic and include this summary in the Commission paper detailing changes to the ROP for new reactors, and also in IMC 0308, Attachment 1, "Technical Basis for Performance Indicators."

Status Questions

Industry had several questions about topics related to the ROP. The Performance Assessment Branch and Reactor Inspection branch staff provided answers to questions on progress on the Problem Identification and Resolution project, the potential change for the minimum time inspection findings are open, the Inspection Finding Resolution Management (IFRM) implementation project, and the revisions to IMC 0609, Appendix O, "Significance Determination Process for Mitigating Strategies and Spent Fuel Pool Instrumentation."

The next ROP WG public meeting is scheduled to be held on November 16, 2016.

Enclosures:

1. Attendance List
2. FAQ Log

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**\*concurrent via email**

<b>OFFICE</b>	NRR/DIRS/IPAB	BC:NRR/DIRS/IPAB	NRR/DIRS/IPAB
<b>NAME</b>	APatz	NSanfilippo	APatz
<b>DATE</b>	11/02 /16	11/9/16	11/9/16

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**REACTOR OVERSIGHT PROCESS PUBLIC MEETING  
ATTENDANCE LIST  
October 19, 2016**

Nathan Sanfilippo	NRC
Ayesha Athar	NRC
Joanna Bridge	NRC
James Isom	NRC
Zack Hollcraft	NRC
Andrew Patz	NRC
See-Meng Wong	NRC
Brandon Hartle	NRC
Matthew Domke	NRC
Dan Merzke	NRC
Ron Frahm	NRC
Eric Ruesch	NRC
Ben Mabbott	NRC
Carl Weber	NRC
Jim Slider	NEI
Deann Raleigh	Curtiss Wright
Ryan Treadway	Duke Energy
Tony Zimmerman	Duke Energy
Darani Reddick	Exelon
Bruce Mrowca	ISL
Don Dube	Jensen Hughes
Eric Katzman	NextEra
Larry Parker	STARS
Peter Wilson	TVA
Garrett Sanders	VC Summer
Carlos Cisco	Winston
Lenny Sueper	Xcel Energy

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