

December 14, 2016

MEMORANDUM TO: Nathan T. Sanfilippo, 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 NOVEMBER 16, 2016

On November 16, 2016, the U.S. Nuclear Regulatory Commission (NRC) staff (staff) hosted the Reactor Oversight Process (ROP) working group public meeting with the Nuclear Energy Institute (NEI) ROP Task Force and other industry representatives. Meeting attendees discussed various topics including revisions to the ROP website, updates to the Significance Determination Process (SDP), and the ROP for new reactors.

Enclosure 1 contains the meeting attendance list.

Enclosure 2 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML16350A284) contains the presentations and handouts discussed during the meeting.

Enclosure 3 (ADAMS Accession No. ML16350A296) contains the Performance Indicator (PI) Frequently Asked Questions (FAQs) Log and the FAQs discussed during the meeting.

Branch Updates

The Reactor Inspection Branch (IRIB) staff informed the ROP Working Group attendees of the issuance of three draft Inspection Procedures (IPs) that were made publicly available so that licensees can prepare for these inspections starting in CY2017. The staff noted that the final versions may change after IRIB addresses additional comments from the NRC's Regional offices. The three draft IPs are IP 71111.21 M, "Design Bases Assurance Inspection (Team)" (ML16238A320); IP 71111.21 N, "Design Bases Assurance Inspection (Programs)" (ML16237A126); and IP 71111.17T, "Evaluations of Changes, Tests, and Experiments" (ML16147A416).

CONTACT: Ayesha Athar, NRR/DIRS/IPAB
301-415-1073

Frequently Asked Questions

In the area of the PI program, industry introduced FAQ 16-04:

- FAQ 16-04: This FAQ addresses how to count a condition created while a system, structure, or component (SSC) was out of service (OOS) for maintenance, which would have affected operability, and was outside the scope of the planned maintenance.

Minor Generic Issues

The Minor Generic Issues topic was introduced during the meeting as a repeating topic for the in-person ROP public meetings. The staff and industry will cover potentially generic issues as they develop and are closed. There were no issues to discuss at this meeting.

Industry Efforts

The Industry Efforts topic was introduced during the meeting as a repeating topic for the in-person ROP public meetings. Industry plans to brief the NRC on any recent or upcoming efforts related to the ROP. There were no issues to discuss at this meeting.

NRC Reactor Oversight Process Website Update

The staff provided an update regarding impending revisions to the Reactor Oversight Process (ROP) external website. The briefing slides presented can be accessed in ADAMS with the following accession number: ML16327A039.

Inspection Finding Resolution Management

The NRC presented its initiative to improve the efficiency and effectiveness of both inspection and significance determination processes for power reactors. Inspection Finding Resolution Management (IFRM) is focused on potentially greater than Green inspection findings involving the initiating events, mitigating systems and barrier integrity cornerstones and is specifically aimed to improve the time it takes for the NRC to make decisions on licensee performance deficiencies and their safety significance while retaining the founding principles of the Reactor Oversight Process and Principles of Good Regulation. A trial period began on November 15, 2016 and is expected to end December 31, 2017.

IMC 0609, Appendix M, "Significance Determination Process Using Qualitative Criteria"

A representative from the Division of Risk Assessment (DRA) in the Office of Nuclear Reactor Regulation informed the ROP meeting attendees of NRC readiness to perform tabletop exercises of 5 previous SDP cases to support improvements to the draft IMC 0609, Appendix M that was made publicly available in July 2016. However, NEI and industry representatives provided concerns with the draft IMC 0609 Appendix M and staff and industry agreed to postpone the prepared tabletop exercises since they were unlikely to be productive given the industry feedback. Staff and industry agreed to a future public meeting in February 2017 to provide further communication of NRC activities on the IMC 0609, Appendix M revision project and to conduct tabletop exercises, if necessary.

ROP for New Reactors

The staff provided a brief status update of its efforts to modify the ROP for new reactors. The staff reemphasized its intent to capture the basis for its recommendation to suspend the development of new PIs in both a Commission paper detailing changes to the ROP for new reactors, and in the PI basis document, Attachment 1 to IMC 0308, "Technical Basis for

Performance Indicators”. The staff provided a status of its efforts to complete the ROP baseline inspection procedure change analyses for applicability to the AP1000 design. The staff is utilizing the Importance Risk Information Matrix (RIM) to complete the analysis and develop the Inspection Procedures RIM. The staff noted that the Importance RIM incorporated industry comments that had been previously provided on the draft performance verification matrix, and no additional comments have been received. Staff communicated its intent to share the results of the IP change analysis with all stakeholders by the end of 2016 or early in 2017, and that this analysis would be summarized and included in the Commission paper detailing changes to the ROP for new reactors in 2017. The staff briefly discussed the status of the efforts to revise the SDP as necessary to determine the significance of performance deficiencies for the new reactors. Staff noted that they did not anticipate significant changes or any new SDPs but that some of the existing SDPs would need some revision, including IMC 0609 Appendix A, “The Significance Determination Process (SDP) for Findings At-Power ” and Appendix G, “Shutdown Operations Significance Determination Process”. The staff discussed the status of the draft, “Implementation Plan to Ensure NRC Staff Readiness for AP1000 Operations.” The staff plans to issue the implementation plan for public comment in the coming weeks and discuss the plan at a future ROP WG meeting.

Analysis would be summarized and included in the Commission paper detailing changes to the ROP for new reactors in 2017. The staff briefly discussed the status of the efforts to revise the SDP as necessary to determine the significance of performance deficiencies for the new reactors. Staff noted that they did not anticipate significant changes or any new SDPs but that some of the existing SDPs would need some revision, including IMC 0609 Appendix A (SDP for findings at power) and Appendix G (SDP during shutdown operations). The staff discussed the status of the draft Implementation Plan to Ensure NRC Staff Readiness for AP1000 Operations. The staff plans to issue the implementation plan for public comment in the coming weeks and discuss the plan at a future ROP WG meeting.

N. Sanfilippo

4

DISTRIBUTION:

RidsNrrDirslpab	RidsNrrOd	NrrDistributionlpab	NrrDistributionIrib
RidsOgcMailCenter	RidsOPAMail	RidsAcrs	
RidsRgnIMailCenter	RidsRgnIIMailCenter	RidsRgnIIIMailCenter	RidsRgnIVMailCenter
CMiller	MKing	NSanfilippo	SHelton
HChernoff	CRegan	SWeerakkody	SWong
MScott	JColaccino	RLorson	GSuber
JMunday	MFranke	TGody	MMiller
PLouden	JGiessner	KObrien	MShuaibi
TPruett	RLantz	AVegel	JClark
MFerdas	AMasters	AStone	ERuesch
JWillis	THipschman	ESchrader	

ADAMS ACCESSION NO.: ML16350A269

ADAMS Package No.: ML16350A249

***concurred via email**

OFFICE	NRR/DIRS/IPAB	BC:NRR/DIRS/IRIB	BC:NRR/DIRS/IPAB	NRR/DIRS/IPAB
NAME	AAthar	JPeralta	NSanfilippo	AAthar
DATE	12/13/2016	12/14/2016	12/14/2016	12/14/2016

OFFICIAL RECORD COPY

**REACTOR OVERSIGHT PROCESS PUBLIC MEETING
ATTENDANCE LIST
September 21, 2016**

Nathan Sanfilippo	NRC
Andrew Waugh	NRC
Ross Telson	NRC
Ayesha Athar	NRC
Daniel Merzke	NRC
Robert Krsek	NRC
Odunayo Ayegbusi	NRC
See-Meng Wong	NRC
Steve Campbell	NRC
Ron Frahm	NRC
Matthew Domke*	NRC
Jim Isom*	NRC
Mary Anderson*	NRC
Juan Peralta	NRC
Chris Miller	NRC
Mike King	NRC
Russell Gibbs	NRC
Brandon Hartle	NRC
Patrick Castleman	NRC
James Slider	NEI
Ken Heffner	Certrec
Deann Raleigh*	Curtiss Wright
James Pak	Dominion
Ryan Treadway	Duke Energy
Jeff Hardy	Entergy
Ron Gaston	Exelon
Darani Reddick	Exelon
Keith Jury	Exelon
Bruce Mrowca	ISL
Eric Katzman	NextEra
Roy Linthicum	PWROG
John Giddens	Southern
Jamie Paul	TVA
Robin Ritzman	First Energy
Lenny Sueper	Xcel Energy
Carlos Cisco*	Winston
Jim Landale*	Exelon
Eric Bates	TVA

*participated via teleconference and/or
online meeting