



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

August 7, 2017

MEMORANDUM TO: Michael T. Montecalvo, 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 JULY 13, 2017

On July 13, 2017, the U.S. Nuclear Regulatory Commission (NRC) 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 the role of the Senior Reactor Analyst (SRA) in the ROP and the ROP for new reactors.

Enclosure 1 contains the meeting attendance list.

Holistic Review of Engineering Inspections

NRC staff provided the following updates to the ROP engineering inspection review effort:

- NRC plans to hold a public meeting on October 10th in Region II to discuss industry self-assessments
- NRC staff is currently working on developing the recommended three options for approval by NRC senior management. These options will be used to modify the current suite of engineering inspections for use starting in calendar year 2020.
- NRC staff plans to make the three options available to the public on the NRC public webpage once the three options have been approved

Frequently Asked Questions

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

- FAQ 17-03 is open and being reviewed by staff.

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### ROP for New Reactors

The staff provided an update on the status of the recommendations on modifying the ROP to ensure adequate oversight of new reactors. The staff informed attendees that the recommendations would be made publicly available around August 18, 2017, to support a meeting with the Advisory Committee on Reactor Safeguards (ACRS), scheduled for September 20, 2017. The staff will incorporate comments from the ACRS into the recommendations, and have a paper submitted to the Commission by the end of 2017.

Andrea Johnson, NRC Reactor Operations Engineer, the Division of Construction Inspection and Operational Programs in the Office of New Reactors, provided an update regarding the staff's Draft Implementation Plan to Ensure NRC Staff Readiness for AP1000 Operations, Rev. 0 (ML15299A390). This document was made publicly available in January 2017. Ms. Johnson noted that NEI comments have been addressed in an updated revision of the document as discussed at the May 2017 ROP public meeting. Staff is preparing the document for final concurrence and issuance later this summer.

### Inspection Finding Resolution Management (IFRM)

There was a lively discussion on the implementation of the IFRM, including many observations by staff and industry members. The IFRM has been implemented for findings under the Mitigating Systems, Initiating Events, and Barrier Integrity cornerstones. The industry noted that narrowly focusing on the timeliness metrics may have detrimental effects when there are complex technical issues involved in an inspection finding. Staff asserted that the focus would remain on obtaining the proper regulatory decision when dealing with performance deficiencies. The staff also shared that the timeliness metric will be evaluated with the completion of the pilot activity.

### Senior Reactor Analyst Role in the ROP

NRC staff conducted an "open dialogue" session with industry stakeholders that discussed the role and responsibilities of (SRAs) in support of NRC ROP activities. SRAs representing each of the NRC Regional Offices provided overview perspectives of their role in specific activities related to ROP and Significance Determination Process (SDP) implementation: (1) Inspections, (2) Detailed Risk Evaluations, (3) NRC/Licensee staff interactions, communications, and other related activities, and (4) Management Directive 8.3 event assessments. The open dialogue between SRAs and industry/licensee participants provided an improved understanding of NRC staff practices in the efficient implementation of ROP and SDP activities across the Regions. There was general agreement to consider holding regular Regional utility interface meetings between NRC staff and industry/licensee representatives to improve communications on issues concerning SDP implementation. Industry stakeholders will provide feedback to NRC on the feasibility and expected frequency of the Regional utility interface meetings.

Deterministic SDPs

NRC staff led discussions on the Inspection Manual Chapter 0609 “Significance Determination Process” appendices for the Emergency Preparedness (appendix B), Radiation Protection (appendices C and D), and Security (appendix E) cornerstones. The discussions were presented to inform the industry of ongoing and planned changes to those programs and provide the industry an opportunity to provide feedback on the efficacy of these cornerstones that are evaluated using deterministic attributes. Overall, the industry expressed concern that performance deficiencies evaluated under these deterministic appendices do not necessarily comport with the performance deficiencies evaluated using one of the risk-informed appendices. The staff encouraged the industry to further engage with the NRC program owners to present potential future changes to the appendices.

M. Montecalvo

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PUBLIC MEETING HELD ON JULY 13, 2017  
DATED: August 07, 2017

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<b>OFFICE</b>	NRR/DIRS/IPAB	BC:NRR/DIRS/IRIB	BC:NRR/DIRS/IPAB	NRR/DIRS/IPAB
<b>NAME</b>	AAthar	SAnderson	MMontecalvo	AAthar
<b>DATE</b>	08/01/2017	08/02/2017	08/07/2017	08/07/2017

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**REACTOR OVERSIGHT PROCESS PUBLIC MEETING  
ATTENDANCE LIST  
May 18, 2017**

Alonzo Richardson	NRC		
Ralph Costello	NRC	Robin Ritzman	First Energy
David Garmon	NRC	James Pak	Dominion Energy
John David Hanna	NRC	Michael Murray	STPNOC
William Cook	NRC	Tony Zimmerman	Duke Energy
Michael Montecalvo	NRC	Peter Wilson	TVA
Ayesha Athar	NRC	Ken Heffner	Certrec
Chris Miller	NRC	James Slider	NEI
Shaun Anderson	NRC	Greg Halnon*	FENOC
Steve Campbell	NRC	Lenny Sueper	Xcel Energy
Sunil Weerakkody	NRC	Larry Parker	STARS Alliance
Robert Krsek	NRC	Richard Rasmussen	Conger-Elsea
Julio Lara*	NRC	Jeff Hardy	Entergy
Laura Kozak*	NRC	Darani Reddick	Exelon
John Rutkowski*	NRC	Erin Anners	SNC
Steve Rose*	NRC	Deann Raleigh	Curtiss Wright
Raymond Gibson*	NRC	Bruce Mrowca*	ISL
Dan Merzke*	NRC		
Mohammed Shuaibi*	NRC		
Andrea Johnson*	NRC		
Ayo Ayegbusi*	NRC		
John Kramer*	NRC		
George Macdonald*	NRC		
Michael Hay*	NRC		
See-Meng Wong	NRC		

\*participated via teleconference and/or online meeting

Enclosure