

February 15, 2013

MEMORANDUM TO: Rani L. Franovich, Chief  
Performance Assessment Branch  
Division of Inspection and Regional Support  
Office of Nuclear Reactor Regulation

FROM: Luis Cruz, 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 JANUARY 17, 2013

On January 17, 2013, 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 (TF) and other industry representatives. Enclosure 1 contains the meeting attendance list; Enclosure 2 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML13032A455) contains the white papers discussed during the meeting; and Enclosure 3 (ADAMS Accession No. ML13032A470) contains the Frequently Asked Questions (FAQ) Log and the three FAQs discussed during the meeting. Meeting attendees discussed topics related to PRA operational support, operating experience (OpE), assessment, security, and performance indicators (PIs).

The PRA Operational Support Branch (APOB) provided information about the Risk Assessment Standardization Project (RASP) Handbook and the planned update to it. The RASP Handbook is a publicly available NRC document that provides guidance to staff performing risk assessments. The planned update to this handbook includes new modules on common cause failure (CCF), initiating events, support system initiating events, loss of offsite power initiating events, and human reliability analysis. The staff expects the RASP Handbook update to be publicly available by January 31, 2013. APOB staff plans to conduct a public meeting on the RASP Handbook update during late spring of 2013. This meeting will be different from a planned public meeting on the draft NUREG on CCF; organization of that public meeting will be coordinated with the Office of Research.

The Operating Experience Branch (IOEB) did not discuss operating experience topics during this public meeting.

The Reactor Inspection Branch (IRIB) staff discussed the issuance of Inspection Manual Chapter (IMC) 410, "Notification of Enforcement Discretion Process Update." This IMC will be issued with a Regulatory Issue Summary (RIS) later this spring. IRIB staff informed meeting attendees that the ROP realignment analysis for this year will include an additional study of the

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distribution and focus of resources. Industry involvement might be requested, as needed, after the staff completes an initial analysis. IRIB staff mentioned that a revision to NUREG-1022, "Event Reporting Guidelines: 10 CFR 50.72 and 50.73," will be published in February 2013 and that NEI will host a workshop on these guidelines in March 2013. IRIB staff discussed an effort among international regulatory agencies to benchmark inspection practices of international inspectors with NRC resident inspectors. As part of a pilot program for this, the US will be hosting inspectors from the regulatory agencies of Spain and France, during the spring of 2013, for a week of ROP-related inspections at Comanche Peak. IRIB staff also discussed the status of a revision to Inspection Procedure (IP) 37060, "10 CFR 50.69 Risk-Informed Categorization and Treatment of Structures, Systems and Components Inspection." IRIB staff plans to issue the updated IP 37060 by the end of April 2013.

The Performance Assessment Branch (IPAB) staff informed industry that the annual assessment letters will be issued to the licensees on March 4, 2013, and will be made publically available on March 6, 2012. IPAB staff and industry discussed goals to accomplish during 2013, including risk-informing the ROP for new reactors, completing the independent review of the ROP, incorporating ROP enhancements to the baseline inspection program, exploring potential virtual avenues for conducting ROP WG public meetings, and completing the safety culture common language initiative.

IPAB staff briefly discussed its planned response to the Commission SRM regarding risk-informing the ROP for new reactors. The first public meeting is planned for February 5, 2013. The purpose of that meeting will be to discuss the technical basis for the use of deterministic backstops and/or relative risk measures, potential examples of deterministic backstops, and the applicability of existing performance indicators to new reactors.

IPAB staff informed meeting participants about efforts to enhance public communications related to the ROP. The staff is developing of a poster on the ROP for use during the Regulatory Information Conference (RIC) between March 12 and 14, 2013. IPAB staff also expects to develop a plain-language brochure, NUREG-BR-0508, about the ROP for the RIC. The staff will also be working on a revision to NUREG-1649, a brief plain-language booklet about the ROP, and will be improving the usability of the ROP-related public websites during this year. The staff will provide updates on these tasks, as needed, to the industry and the public in the following ROP WG public meetings.

In the area of the PI program, staff and industry addressed the following items (Enclosure 2):

- (1) The NRC staff clarified that the PI data for San Onofre Nuclear Generating Station, Units 2 and 3, will be marked as invalid (i.e., grayed out) for the fourth quarter of 2012.
- (2) The NRC staff indicated that it is still working on the comments for the white paper on PI validity for extended shutdowns and initial startups of plants.
- (3) The NRC staff and industry discussed a white paper on correcting old ROP PI data. The NRC staff explained that the PI data are represented in two-year time-frames for trending purposes. The NRC staff also mentioned an effort to display the PI data as a dotted line for historical PI information, and as a solid line to represent the calculation of the indicator for the current reporting period.
- (4) The NRC staff and industry discussed the reactor cooling system (RCS) leakage PI. The NRC staff indicated that the PI's purpose and respective metric do not match. The staff also mentioned that a task group composed of NRC and industry members worked

on this issue between 2004 and 2007. Industry members indicated that the previous task group concluded that measuring unidentified RCS leakage was feasible for Pressurized Water Reactors (PWRs), but difficult for Boiling Water Reactors (BWRs). The NRC staff will examine the value of the PI and will review the Davis-Besse Lessons Learned for any conclusions that are related to the measurement of RCS unidentified leakage.

Staff and industry discussed the following PI FAQs (see Enclosure 3):

- FAQ 12-04: This FAQ was discussed. The NRC staff and industry concluded that more information is needed for the resolution of this FAQ. However, the licensee noted that the FAQ was submitted early.
- FAQ 12-05: This FAQ was withdrawn. The NRC staff previously questioned whether the NFPA 805 transition plan was included as an action within the extent of condition review to determine if the additional failures could count as one. After reviewing the extent of condition, the licensee indicated that the NFPA 805 transition plan was not documented as an action to identify additional failures. Industry indicated that it could possibly develop a white paper to clarify the definition of additional failures in the NEI 99-02 guidance, "Regulatory Assessment Performance Indicator Guidance." The NRC will document the basis for the withdrawal in the NRC's response to the FAQ for knowledge transfers purposes.
- FAQ 12-06: This FAQ was discussed. The Emergency Preparedness (EP) WG discussed this FAQ in a public meeting (the meeting notice is available through ADAMS Accession No. ML12354A513). The response to this FAQ will be discussed during the next ROP WG public meeting.

The next ROP working group public meeting will be held on February 21, 2013.

Enclosures:

1. Attendance List – January 17, 2013
2. ROP Public Meeting Handouts:
  - a. RASP Handbook Updates Presentation
  - b. Simulation of MSPI Indicator Reaction to Plant in Long Term Shutdown and Initial Startup
  - c. Correcting Older ROP PI data
3. Reactor Oversight Process Task Force FAQ Log

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**ADAMS ACCESSION NO: ML13032A482 ML Package: ML13032A505** \*=via e-mail

OFFICE	NRR/DIRS/IPAB	BC: NRR/DIRS/IRIB	BC:NRR/DRA/APOB	BC:NRR/DIRS/IPAB
NAME	LCruz	TKobetz *	SWeerakkody*	RFranovich (for RFrahm)
DATE	2/15/13	1/29 /13	1/31/13	2/15/13

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**REACTOR OVERSIGHT PROCESS PUBLIC MEETING**  
**REACTOR OVERSIGHT PROCESS**  
**PUBLIC MEETING**  
**ATTENDANCE LIST**  
**January 17, 2013**

Luis Cruz	NRC
Kevin Roche	NRC
Ronald Frahm*	NRC
Michael Balazik	NRC
Rani Franovich	NRC
Mandy Halter	NRC
Tim Kobetz	NRC
Sunil Weerakkody	NRC
See Meng Wong	NRC
Kenichi Watanabe	NRC
Roger Pederson*	NRC
Paul Carman*	NRC
Bruce Mrowca	ISL
Jim Slider	NEI
Biff Bradley*	NEI
Bob Walpole	Entergy
Lenny Sueper	Xcel Energy
Steve Catron	NextEra Energy
Fred Mashburn	TVA
James Emens	TVA
Robin Ritzman	FirstEnergy
Tom Veitch	FirstEnergy
Stan Baker	First Energy
Elijah Holsenbeck	Southern Nuclear
David Van Der Kamp	NPPD
Ken Heffner	Certrec
Tony Zimmerman	Duke Energy
Larry Parker	STARS
Ron Gaston	Exelon
Gary Miller	Dominion
Christine Neely	PSEG Nuclear
Larry Naron	Constellation
Roy Linthicum	PWROG
Carlos Sisco*	Winston & Strawn
Sarah Chisholm*	Duke Energy

\*participated via teleconference