

April 26, 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 MARCH 27, 2013

On March 27, 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. ML13113A041) contains the white papers discussed during the meeting; Enclosure 3 (ADAMS Accession No. ML13113A129) contains the Frequently Asked Questions (FAQ) Log and the three FAQs discussed during the meeting; and Enclosure 4 (ADAMS Accession No. ML13113A348) contains an ROP WG action items log. Meeting attendees discussed topics related to PRA operational support, operating experience (OpE), assessment, security, and performance indicators (PIs).

The PRA Operational Support Branch (APOB) informed the participants that a revision to Volume 1 of the Risk Assessment Standardization Project (RASP) Handbook has been placed in NRC's public Web site (ADAMS Accession No ML13030A049). The staff plans to conduct a public meeting on the RASP Handbook update on May 13, 2013. The staff encouraged industry representatives to provide comments on the revised RASP Handbook in advance of the public meeting.

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

The Reactor Inspection Branch (IRIB) staff discussed the revision of Inspection Procedure (IP) 37060, "10 CFR 50.69 Risk-Informed Categorization and Treatment of Structures, Systems and Components Inspection." IRIB staff provided a copy of the inspection procedure to the meeting participants and indicated that it is currently under review by the regional staff. The staff indicated that IP 37060 will be piloted at Vogtle, after which additional changes may be made to the IP. IRIB staff plans to issue the final version of IP 37060 in May 2013.

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IRIB staff also discussed the transition of Crystal River 3 and Kewaunee nuclear power stations to decommissioned status. The staff indicated that Crystal River 3 will transition to the NRC decommissioned inspection program as described in Inspection Manual Chapter 2561, "Decommissioning Power Reactor Inspection Program," since the licensee, Duke Power Company, has submitted its certification that all nuclear fuel has been removed from the reactor vessel (10 CFR 50.82(a)(1)(ii) letter). NRC staff stated that Crystal River 3 will not need to provide PI data after the first quarter of 2013. However, industry requested and NRC agreed that termination of the PI reporting requirements for Crystal River 3 will be communicated to the licensee in writing. Similarly, the staff expects to transition Kewaunee nuclear station to the decommissioned inspection program once the licensee submits their letter certifying that all nuclear fuel has been removed from the reactor vessel.

The staff also discussed the status of Temporary Instruction (TI) 2515/187, "Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns," and TI 2515/188, "Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns." The staff indicated that the inspections related to TI 2515/187 have been completed, and the inspections related to TI 2515/188 will be completed in April 2013. The staff has used criteria based on plant responses to the questions in the NRC-endorsed industry guidelines for the seismic and flooding walkdowns to create a list of sites to be audited to verify conformance with these guidelines. The flooding and seismic audits are expected to commence in early to mid-summer and be completed by late summer. The list of sites to be audited is currently being finalized. Once it is finalized, the audit plan will be sent to the applicable sites.

The Performance Assessment Branch (IPAB) thanked industry representatives for supporting interviews with the ROP Independent Assessment team. IPAB staff indicated that GoToMeeting was available as an online platform to participate in the ROP WG public meeting. The staff will explore the use of this tool during the next few ROP WG public meetings. IPAB staff provided industry representatives with copies of the ROP Brochure, NUREG-BR-0508. The staff noted that the next public meeting on risk-informing PIs for new reactors would be held on April 15, 2013, and the Commission briefing on the results of the Agency Action Review Meeting will be held on May 29, 2013. IPAB staff also mentioned that the SECY papers on the fiscal year 2012 results of the industry trends program and the calendar year 2012 ROP self-assessment were in the final stages of concurrence.

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

- (1) Industry representatives and NRC staff discussed a white paper on the PRA technical adequacy for the mitigating systems (MS) PI. Industry representatives discussed a spreadsheet containing the supporting requirements listed in Table G.5 of NEI 99-02, "Regulatory Assessment Performance Indicator Guideline." NRC staff will review this spreadsheet by the next ROP WG meeting. NRC staff also provided comments on the classification criteria listed under section G 2.1.2 of NEI 99-02. Industry will review those comments by the next RPO WG meeting.
- (2) The NRC staff mentioned that the PI data for the fourth quarter of 2012 for Susquehanna 2 changed. This unit crossed the white threshold for the Unplanned Scrams with Complications PI.

- (3) Industry representatives presented a white paper recommending additional guidance regarding additional failures clarifying note for the Safety Systems Functional Failure PI. The NRC staff will review this white paper and provide comments during the next ROP WG meeting.
- (4) The NRC staff discussed the status of a white paper on FAQ timeliness. Industry representatives revised the language of the white paper. The NRC staff will review the revised version of the white paper and provide comments during the next ROP WG meeting.
- (5) Industry representatives provided the NRC staff with a draft Revision 7 of NEI 99-02. Industry representatives indicated that this revision incorporates all the FAQs resolved by December 2012. Industry representatives requested the NRC to provide comments on this revision during the next ROP WG meeting, if possible.
- (6) Industry representatives indicated that industry will be holding a seminar on MSPI during July 29-31, 2013. More details will be provided in future ROP WG meetings.

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

- FAQ 12-04: This FAQ is tentative final. The NRC staff provided a response to the FAQ. The response indicated that three non-conformance occurrences met the criteria to be counted separately under the Occupational Exposure Control Effectiveness PI. Industry agreed that two of these occurrences should count, but asked NRC to review the definition of concurrent non-conformances and common time-frames in the NEI 99-02 guidance to ensure the third occurrence meets the guidance definition before finalizing this FAQ. The staff expects to make this FAQ final during the next ROP WG meeting. The NRC staff will develop a white paper to clarify the distinction between generic and site-specific FAQs and propose reasonable timeliness goals for FAQ submittal.
- FAQ 12-05: This FAQ was withdrawn. The NRC will document the basis for the withdrawal in the NRC's response to the FAQ for knowledge transfer purposes. The staff plans to finalize this documentation by the next ROP WG meeting.
- FAQ 12-06: This FAQ is final. The NRC staff and industry representatives agreed that this FAQ will become effective at the beginning of the third quarter of calendar year 2013.
- FAQ 13-01: This FAQ was introduced and accepted. This is a site-specific FAQ for Turkey Point 3. This FAQ addresses the scrams and operating hours counted under the Unplanned Scrams per 7000 Critical Hours PI. Industry will provide additional information on the operating history of the plant to support the resolution of this FAQ. The staff will evaluate if this FAQ is eligible as a plant-specific exemption.

The next ROP working group public meeting will be held on May 8, 2013.

Enclosures:

1. Attendance List – March 27, 2013
2. White papers discussed during the March 27, 2013 ROP WG public meeting:
 - a. ROP Task Force Whitepaper on Timeliness of FAQ submittals
 - b. PRA Technical Adequacy for MSPI
 - c. White paper on “Additional Failures” for MS05
3. Reactor Oversight Process Task Force FAQ Log
4. ROP Working Group Action Items Tracking Log – March 27, 2013

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| NAME | LCruz | TKobetz* | SWeerakkody* | RFranovich –Rfrahm for |
| DATE | 4/ 18 /13 | 4/ 19 /13 | 4/ 19 /13 | 4/26 /13 |

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REACTOR OVERSIGHT PROCESS PUBLIC MEETING
REACTOR OVERSIGHT PROCESS
PUBLIC MEETING
ATTENDANCE LIST
February 21, 2013

| | |
|--------------------|----------------|
| Luis Cruz | NRC |
| Ronald Frahm | NRC |
| Michael Balazik | NRC |
| Rani Franovich | NRC |
| Kevin Roche | NRC |
| Tim Kobetz | NRC |
| Sunil Weerakkody | NRC |
| See-Meng Wong | NRC |
| Jeff Rotton | NRC |
| Steve Campbell | NRC |
| Jim Isom | NRC |
| Roger Pederson* | NRC |
| Denise Terry-Ward* | NRC |
| Bruce Mrowca | ISL |
| Jim Slider | NEI |
| Chris Earls | NEI |
| Jana Bergman | Scientech |
| Robin Ritzman | FirstEnergy |
| Ken Heffner | Certrec |
| Lenny Sueper | Xcel Energy |
| Steven Hunsader | Exelon |
| David Van Der Kamp | NPPD |
| Tony Zimmerman | Duke Energy |
| Larry Parker | STARS Alliance |
| Steve Catron | NextEra Energy |
| Sarah Chisholm | Duke Energy |
| Roy Linthicum* | Exelon |
| Fred Mashburn* | TVA |
| Lori Tkaczyk* | Enercon |

*participated via teleconference and/or online meeting