

Enclosure 2
Meeting Summary Handouts
of the August 4, 2010
ROP Public Meeting
Dated August 23, 2010

REACTOR OVERSIGHT PROCESS (ROP) MONTHLY PUBLIC MEETING AGENDA

August 4, 2010; 9:00 AM –2:00 PM; Two White Flint North Building;
ACRS Conference Room – T-2B1

9:00 – 9:05 AM	Introduction and Purpose of Meeting
9:05 – 9:25 AM	Reactor Inspection Branch Topics <ol style="list-style-type: none"> 1. General topics of interest 2. Opportunity for public comment
9:25 – 9:45 AM	Performance Assessment Branch Topics <ol style="list-style-type: none"> 1. General topics of interest 2. Opportunity for public comment
9:45 – 10:00 AM	Break
10:00 – 11:30 AM	Discussion of Performance Indicator (PI) Topics <ol style="list-style-type: none"> 1. Potential NEI 99-02 guidance changes <ul style="list-style-type: none"> • MSPI EDG component boundary • MSPI EDG failure mode definitions • MSPI basis document updates 2. Status of framework for considering new PIs 3. Opportunity for public comment
11:30 AM – 12:30 PM	Lunch
12:30 – 1:45 PM	Discussion of Open and New PI Frequently Asked Questions (FAQs) <p><i>Note: Topic may be moved up if meeting is ahead of schedule. The latest draft FAQs is located on the public web at: http://www.nrc.gov/NRR/OVERSIGHT/ASSESS/draft_faqs.pdf. This list is subject to change the day before the meeting based on availability of new draft FAQs provided by the Nuclear Energy Institute. Public comments will be addressed on FAQs following the discussion.</i></p>
1:45 – 2:00 PM	Future Meeting Dates, Action Items, Future Agenda Topics

Operating Experience Branch, DIRS/NRR

Mission

- Functions as the focal point of the Agency's reactor operating experience program. Ensures operating experience information is processed effectively and efficiently using a risk-informed manner.
- Ensures that NRR's rulemaking, licensing, oversight, and incident response programs are able to continuously learn from operating experience and apply the lessons learned.
- Analyzes operating experience information to identify trends and recurring issues of safety significance. Integrates various operating experience trends and insights for applications.
- Responsible for coordinating NRR's responsibility in the incident response program area.

Focus

- Increase efforts to better integrate OpE into the ROP.
- Current examples include:
 1. OpESS program to support the ROP Baseline Inspection Program
 2. Clearinghouse review of events and findings from regional morning calls
 3. NRR Executive Team daily briefs
 4. OpE links (i.e., INs, GLs, etc.) in the inspection procedures
 5. Analysis and trending of OpE that incorporates inspection and PI data
 6. Increased communication among the ROP program branches (IPAB/IPIB/IOLB/IHPB)

What's New?

- Periodic attendance at ROP monthly meetings
- Increased communication between IOEB and industry on operating experience.
- Two (draft) OpESSs on: (1) Licensed Operator Training Scenarios and (2) Components Installed Beyond Vendor Recommended Life

Who We Are:

John Thorp, Branch Chief, IOEB

- Eric Thomas, Analysis Team Lead
- Mark King, Clearinghouse Team Lead
- John Thompson, Special Projects/OpESS Lead

*Note: NRC's Steve Vaughn prepared this mark-up of the main body of NEI 99-02 where the MSPI basis document is discussed. The ROP Task Force discussed this mark-up at its June 23, 2010 meeting with the NRC and was invited to comment on or revise this mark-up. The mark-up attempts to describe NRC's views on when the MSPI basis document should be revised following plant modifications. The mark-up also attempts to resolve a potential problem that could arise in the timing of plant modifications, updates to the plant PRA-of-record, and updates to the MSPI basis document.
Jim Slider, June 24, 2010. 202-739-8015, jes@nei.org.*

Documentation and Changes

Roy Linthicum Mark-Up (Blue) of Steve Vaughn's Proposal (Red)

Each licensee will have the system boundaries, monitored components, ~~and~~ monitored functions, and success criteria which differ from design basis readily available for NRC inspection on site. Design basis criteria do not need to be separately documented. Additionally, plant-specific information used in Appendix F should also be readily available for inspection. An acceptable format, listing the minimum required information, is provided in Appendix G. The objective of maintaining and accurate basis document is to administratively reflect the current as-built plant which in turn supports inspection activities that verify performance indicator implementation. Changes to the site PRA of record, the site basis document, and the CDE database should be made in accordance with the following:

Changes to PRA coefficient information model revisions: Updates to the MSPI coefficients (which ~~are~~ are taken developed from directly obtained from the plant specific PRA) will be made as soon as practical following an ~~in~~ the quarter following ~~the official~~ approval of an update to the plant-specific PRA of record. The ~~updated~~ revised coefficients derived from the PRA model of record will be used in the MSPI calculation the quarter following approval of the PRA model of record update. Thus, the PRA ~~coefficients~~ coefficients in use at the beginning of a quarter will remain in effect for the remainder of that quarter. In addition, ~~c~~ changes to the CDE database and MSPI basis document that are necessary to reflect changes to the plant-specific PRA of record should be incorporated as soon as practical but need not be completed prior to the start of the reporting quarter in which they become effective ~~prior to the next quarter~~ quarter's data submittal following the update to the plant specific PRA of record. [JES: Look for a way to say this more clearly, e.g., with dates shown below.] [Gerry note: Driver for changes in the PRA] The quarterly data submittal should include a comment that provides a summary of any changes to the MSPI coefficients (i.e., changes to the plant specific PRA of record). The comments

automatically generated by CDE when PRA coefficients are changed do not fulfill this requirement. The plant must generate a plant-specific comment that describes what was changed. ~~Any PRA model change will take effect the following quarter (model changes include error, corrections, updates, etc.).~~ For example, if a plant's PRA model of record is approved on September 29 (3rd quarter), MSPI coefficients based on that model of record should be used for the 4th quarter. The calculation of the new coefficients should be completed (including a revision of the MSPI basis document if required by the plant-specific processes) and input to CDE prior to reporting the 4th quarter's data (i.e., completed by January 21).

~~NOTE: The impact of pending PRA changes (e.g., plant modification that affects the PRA but has not been reflected since the PRA of record is not due for an update) on the MSPI program can be evaluated in the interim in a timely manner commensurate with risk using applicable guidance provided by ASME standards.~~

Changes to non-PRA information: Updates to information that ~~are~~ not directly obtained from the PRA (e.g., unavailability baseline data, estimated demands/run hours) can affect both the MSPI basis document and the CDE database. ~~Changes to the basis document and CDE database that are needed to reflect changes to non-PRA information that will be made become effective in the quarter following an approved revision to the site MSPI basis document. Changes to the CDE database that are necessary to reflect changes to the site basis document should be incorporated as soon as practical but need not be completed by prior to the start of the next reporting quarter, in which they become effective.~~ [ROP TF: Previous paragraph says change Basis Doc in quarter following update of the PRA. Change CDE not later than the start of the next quarter.] The quarterly data submittal should include a comment that provides a summary of any changes to the basis document. ~~Any~~**The** comments automatically generated by CDE when ~~PRA coefficients information or data is~~**are** changed do not fulfill this requirement. The plant must generate a plant-specific comment that describes what was changed.

Plant Modifications: [ROP TF proposed alternative wording for this section: MSPI Basis Document descriptions that are affected by plant modifications shall be updated no later than the quarter following the implementation of the modification.]

Any changes to the plant should be evaluated for their impact on the MSPI basis document, CDEMSPi inputs database, and the PRA of record. Plant modifications have the potential to involve both changes to PRA information and non-PRA information, while some modifications may be limited to either PRA or non-PRA information. Modifications to the plant design that result in a change to segment or train boundaries, or monitored components, affect monitored functions or success criteria shall be reflected in the basis document the quarter following the completed implementation. Additionally, if modifications are made to sub-components within the boundary of a monitored component (such as the replacement of an emergency AC voltage regulator with a different type) and that sub-component is described in the basis document, the basis document should be updated to reflect the sub-component modification the quarter following the completed implementation.

~~If the plant modifications affect monitored functions or success criteria, which in turn would require an update to the plant PRA, these changes should be reflected in the basis document and the CDE database, if applicable, the quarter following the official update to the plant specific PRA of record. If the plant modification has the potential to impact the PRA model in a manner that affects MSPI results,~~ the modification shall be evaluated in accordance with ASME/ANS RA-Sa-2009 Section 1-5 (Reference X). If a change results in a factor of 3 change in the corrected Birnbaum value of an MSPI monitored train or component, and the ~~Birnbaum~~ new Birnbaum value is greater than 1E-6, the MSPI basis document shall be updated to reflect the new Birnbaum values the quarter following the completed implementation. The use of supplemental evaluations to estimate the revised MSPI inputs for pending PRA model changes is allowed as an alternative to revising the PRA model

[ROP TF Comment on this paragraph: This is a different subject that should be discussed elsewhere.] The quarterly data submittal should include a comment that provides a summary of any changes to the basis document. Any comments automatically generated by CDE when information or data is changed do not fulfill this requirement. The plant must generate a plant specific comment that describes what was changed.