

September 20, 2017

MEMORANDUM TO: Dennis C. Morey, Chief
Licensing Processes Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

FROM: Joseph J. Holonich, Senior Project Manager /RA/
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Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF SEPTEMBER 6, 2017, MEETING ON
REQUESTS FOR ADDITIONAL INFORMATION ON MRP 227,
REVISION 1, "MATERIALS RELIABILITY PROGRAM:
PRESSURIZED WATER REACTOR INTERNALS INSPECTION
AND EVALUATIONS GUIDELINE"

On September 6, 2017, U.S. Nuclear Regulatory Commission (NRC) staff met with representatives from the Electric Power Research Institute (EPRI) and industry. The purpose of the meeting was to discuss the EPRI response to the requests for additional information (RAI) on MRP 227, Revision 1, "Materials Reliability Program: Pressurized Water Reactor Internals Inspection and Evaluations Guideline." Information related to the meeting can be found in the Agencywide Document Accession and Management System. (ADAMS) package accession number ML171206A087.

In the opening remarks, EPRI stated that it saw the meeting as an opportunity to discuss its planned responses to the RAIs to see what else was needed. EPRI explained that this would help ensure that the responses formally submitted the end of September would address the RAIs. A copy of the EPRI presentation can be found in the referenced ADAMS package.

The discussions at the meeting covered the proposed responses and clarification questions. It was agreed that a more detailed interaction was needed on RAI 5. An action from the meeting was to schedule a publically-noticed call to discuss RAI 5.

In addition, there were several RAIs not covered in the meeting due to time. An action was taken by the NRC staff to review those RAI responses. If the NRC staff had any clarifying questions on those RAIs, an email would be sent to EPRI and the email and staff-clarification questions placed into ADAMS as public.

If more detailed discussions were needed on the NRC staff questions, it would be covered as part of the publically-noticed call on RAI 5.

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Actions from the meeting were as follows:

- 1) When providing the revised reports, "Materials Reliability Program: Screening, Categorization, and Ranking of B&W [Babcock and Wilcox]-Designed PWR Internals (MRP-189-Rev. 2). EPRI, Palo Alto, CA: 2014. 3002004283," and "Materials Reliability Program: Aging Management Strategies for B&W PWR Internals (MRP-231-Rev. 3). EPRI, Palo Alto, CA: 2014. 3002004284," EPRI should consider providing a table which lists the changes. This would make it easier for the NRC staff to see what the changes were.
- 2) Identify in the revisions to MRP-189 and MRP-231 where RAI 6 is addressed.
- 3) For RAI 13, clarify what the term accessible means.
- 4) For RAI 5, clarify what the number of inspections is; consider looking at other welds in the future; clarify if 25% is 25% of 100% of the total or if it is 25% of just accessible; and look at the family of flaws.
- 5) For multiple RAIs, clarify when additional examination will be done, e.g. during the refueling in progress or at the next refueling.
- 6) The NRC staff and EPRI will schedule a call to discuss RAI 5 in more detail.
- 7) The NRC staff will review those questions not discussed at the meeting due to time and prepare a list of clarifying questions. If need be, these RAIs will be covered in the RAI 5 call.

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***Via Email**

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