

November 2, 2017

MEMORANDUM TO: Dennis C. Morey, Chief
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SUBJECT: SUMMARY OF SEPTEMBER 7, 2017, MEETING BETWEEN THE
U.S. NUCLEAR REGULATORY COMMISSION STAFF AND THE
ELECTRIC POWER RESEARCH INSTITUTE TO DISCUSS BWRVIP-25,
REVISION 1 "BWR [BOILING WATER REACTOR] CORE PLATE
INSPECTION AND FLAW EVALUATION GUIDELINES"

On September 7, 2017, U. S. Nuclear Regulatory Commission (NRC) staff met with representatives from the Electric Power Research Institute (EPRI). The purpose of the meeting was to discuss the NRC staff requests for additional information (RAIs) on BWRVIP-25, Revision 1 "BWR [Boiling Water Reactor] Core Plate Inspection and Flaw Evaluation Guidelines." The meeting was bifurcated with the morning session being closed due to proprietary information and covering the details of responses to the RAIs. The afternoon session dealt with license renewal issues. Information related to the meeting including presentations and attendees list can be found in the Agencywide Document Access and Management System package under accession number ML17186A099.

In the morning session, EPRI made two presentations. One was an overview of the BWRVIP-25, Revision 1 and the other provided information on responses to the NRC staff RAIs. During the presentations, the NRC staff asked questions to help clarify particular responses. As a result of the presentations and associated discussions, a number of actions were identified.

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These included:

- 1) EPRI will look at the operating experience to see if there is any alignment-block cracking;
- 2) EPRI will look for information on jet pump beam and shroud head bolts to see if they could be used as a surrogate for the core-plate bolts and provide information on any failures;
- 3) For MVIB Operating Plants RAI 2, EPRI will clarify that General Electric Hitachi Services Information Letter-588, Revision 1, "Top Guide And Core Plate Cracking," issued May 18, 1995," is superseded by BWRVIP-25, Revision 1. EPRI will address the accessibility of the core plate bolts for VT-3 visual examination from above, as requested in Part 1 of the RAI.
- 4) For MVIB Operating Plants RAI 3, EPRI will check the core plate finite element analysis to determine if bolts were removed in a cluster, such that the loading was eccentric, or in a symmetric pattern.

In the afternoon session, EPRI discussed the RAIs related to the license-renewal aspect of BWRVIP-25, Revision 1. The NRC staff and EPRI held several clarification discussions during the presentation.

The single action from the meeting was that the NRC staff will have an internal meeting to discuss the EPRI proposal to remove the license renewal appendix from BWRVIP-25, Rev. 1 (Appendix B). A follow-up call with EPRI will be scheduled once the NRC staff has settled on a position.

D. Morey

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