

June 1, 2015

MEMORANDUM TO: Anthony J. Mendiola, Chief
Licensing Processes Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

FROM: Joseph J. Holonich, Senior Project Manager /RA/
Licensing Processes Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF APRIL 13, 2015, AUDIO CONFERENCE CALL WITH
THE ELECTRIC POWER RESEARCH INSTITUTE ON TOPICAL
REPORT FOR PRIMARY WATER STRESS CORROSION CRACKING
MITIGATION BY SURFACE STRESS IMPROVEMENT (MRP-335,
REVISION 1)

On April 13, 2015, staff from the U.S. Nuclear Regulatory Commission (NRC) held a conference call with representatives from the Electric Power Research Institute (EPRI) and industry. The purpose of the meeting was to discuss the second set of request for additional information (RAI) questions on MRP-335, Revision 1, "Topical Report for Primary Water Stress Corrosion Cracking Mitigation by Surface Stress Improvement," as well as several other topics. Information related to the conference call can be found in the Agencywide Documents Access and Management System (ADAMS) package for the meeting at Accession No. ML15104A040.

The NRC staff began by stating that the RAI question responses were needed because the more information the NRC staff had available to it the greater the potential for the review of MRP-335 to be completed by the December 2015 safety evaluation (SE) date. Further the NRC staff reported that it focused the RAI questions to try to hit topical areas where information was needed.

In its introductory remarks, EPRI representatives stated that there were five areas that they hoped could be covered during the call. These included: 1) confirm the understanding of the RAI questions and the NRC staff objective for asking the RAI plus describe the response plan in concept; 2) hear the status of the Title 10 to the *Code of Federal Regulations* (10 CFR) 50.59 question; 3) discuss the concept for the relief framework; 4) report on the steps and schedule discussed in the February conference call; and 5) determine if a meeting was possible in June to discuss the RAI responses.

CONTACT: Joseph J. Holonich, NRR/DPR
301-415-7297

Next, were the discussions on the RAI questions and responses. Each RAI question was addressed and EPRI representatives provided their proposed response. As needed, the NRC staff provided clarification on the RAI question or agreed that the proposed response did address the question.

Continuing EPRI representatives reported that they would provide the responses to the RAI questions by June 1, 2015. Based on this date, there was a discussion about when a revision to MRP-335 would be needed. Because responding to the RAI questions would result in significant changes in MRP-335, it was agreed a revision to the topical report (TR) was needed before the NRC staff could complete the review. The NRC staff stated that it would need to receive the revised TR by August 1, 2015, to meet the December 2015 SE date. The EPRI representatives agreed to take an action item from the meeting to report on whether the August 1, 2015, date could be met.

During the discussion, the question as to whether peening could be done using the authority in 10 CFR 50.59, the NRC staff reported that it had not yet made a decision. Therefore, there was no feedback that could be provided.

It was agreed that the framework for a relief request from the American Society of Mechanical Engineers code referenced in 10 CFR 50.54 would be better handled as a topic for a future meeting. The review status and schedule were addressed during the discussion on the August 1, 2015, submission of a revised MRP-335.

The final topic was the need for future meetings. The EPRI representatives proposed that a meeting be considered in the June timeframe around the annual materials meeting, one in September as the NRC staff completes the draft SE, and one in November when the SE is being finalized. The NRC staff saw a benefit to a September meeting and also thought a meeting in mid-July instead of June would be worth holding. As a result of this discussion EPRI agreed to provide some windows of opportunity in July and September for meetings.

The following action items resulted from the meeting:

- 1) EPRI will provide feedback on the August 1, 2015, date for a revised MRP-335
- 2) EPRI will provide some available dates for meetings in July and September.

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