

October 5, 2015

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

FROM: Joseph J. Holonich, Senior Project Manager /RA/
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SUBJECT: SUMMARY OF AUGUST 24, 2015, 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 August 27, 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 was to discuss EPRI changes to Materials Reliability Program (MRP)-335, Revision 1, "Topical Report for Primary Water Stress Corrosion Cracking Mitigation by Surface Stress Improvement," based on the NRC staff requests for additional information. 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. ML15236A002.

The NRC staff began by providing a status of its ongoing review. It reported that the review was progressing and the staff was preparing the safety evaluation (SE). The NRC staff said it was taking seriously the time schedule to complete the review by December 2015.

The NRC staff stated that it wanted to make sure that industry and stakeholders were aligned with the review. It said it would communicate any additional questions that might arise. The NRC staff also stated that the SE would be based on a deterministic analysis informed by a probabilistic analysis that would allow conclusions to be made with reasonable assurance.

The NRC staff noted that it expected to meet the September 30, 2015, date for providing a draft SE for industry review. As to the review's scope, the NRC staff said that when this SE was provided for review, the scope of the review was to identify any information that was proprietary and to ensure the SE was accurate in its documentation of MRP-335.

The NRC staff emphasized that the review process does not involve negotiating the conclusions in the SE. However, the NRC staff said it believed that values other than those proposed in MRP-335 would be acceptable. NRC staff said it would confirm this and get back to EPRI.

Next, industry made its presentation, which led to a series of technical discussions. As a result of these discussions, EPRI committed to look into steam generator tube data and provide any comparisons and experiences with failures. The data should focus on instances of stresses under operating conditions and any operating experience. Copies of the industry presentation can be found in the ADAMS package previously referenced.

In conclusion, the NRC staff again indicated that it may find as acceptable other values than those proposed in MRP-335. If this were the case, the NRC staff said it would provide that information to EPRI before the SE was issued for proprietary and accuracy review.

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In conclusion, the NRC staff again indicated that it may find as acceptable other values than those proposed in MRP-335. If this were the case, the NRC staff said it would provide that information to EPRI before the SE was issued for proprietary and accuracy review.

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