

MRP Materials Reliability Program _____ MRP 2015-031

(via email)

Date: August 14, 2015

To: Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, DC 20555-000

From: Bernie Rudell, Exelon, MRP Integration Chairman
Anne Demma, EPRI, MRP Program Manager

Subject: Submission of *Materials Reliability Program: Topical Report for Primary Water Stress Corrosion Cracking Mitigation by Surface Stress Improvement (MRP-335, Revision 2)*, EPRI, Palo Alto, CA: 2013. 3002006654. [Freely Available at www.epri.com]

References:

1. *Materials Reliability Program: Topical Report for Primary Water Stress Corrosion Cracking Mitigation by Surface Stress Improvement (MRP-335, Revision 1)*, EPRI, Palo Alto, CA: 2013. 3002000073. [Freely Available at www.epri.com]
2. Letter from B. C. Rudell and A. Demma to U.S. NRC, "Response to the NRC Request for Additional Information (RAI) related to Electric Power Research Institute (EPRI) MRP-335, Revision 1, 'Topical Report for Primary Water Stress Corrosion Cracking Mitigation by Surface Stress Improvement [Peening]' (TAC No. MF2429)," MRP 2014-027, October 10, 2014. [NRC ADAMS Accession No. ML14288A370]
3. Letter from B. C. Rudell and A. Demma to U.S. NRC, "Response to the NRC Second Request for Additional Information for MRP-335, Revision 1, 'Topical Report for Primary Water Stress Corrosion Cracking Mitigation by Surface Stress Improvement [Peening]' (TAC No. MF2429)," MRP 2015-020, June 12, 2015. [NRC ADAMS Accession No. ML15167A106]

This letter transmits two copies of MRP-335 R2.

MRP-335R2 incorporates the latest information since the submission of Revision 1 (Reference 1) in 2013 and the revisions for the responses submitted to the first and second sets of RAIs (References 2 and 3).

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If you should have any questions concerning this letter, please contact Paul Crooker, EPRI MRP Project Manager, at (pcrooker@epri.com) or 650-855-2028.

Sincerely,



Bernard Rudell
MRP Chairman
Exelon Generation



Anne Demma
MRP Program Manager
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cc: Paul Crooker, EPRI
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William Sims, Entergy
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