

**MRP Materials Reliability Program** \_\_\_\_\_ **MRP 2010-034**

(via email)

May 19, 2010

Document Control Desk  
U.S. Nuclear Regulatory Commission  
11555 Rockville Pike  
Rockville, MD 20852

**SUBJECT:** Report Transmittal: Westinghouse Non-Proprietary Class 3 Report, "*Reactor Internals Acceptance Criteria Methodology and Data Requirements, WCAP-17096-NP, Revision 2*" December 2009

**Reference:** 1) EPRI report "*Materials Reliability Program: Pressurized Water Reactor Internals Inspection and Evaluation Guidelines (MRP-227-Rev. 0)*" EPRI Palo Alto, CA, 2008, 1016596.  
2) MRP Letter 2010-033, Tuan Nguyen, EPRI, to Chief Financial Officer, NRC, Request for Exemption of NRC Review Fees for Westinghouse Non-Proprietary Class 3 Report, "*Reactor Internals Acceptance Criteria Methodology and Data Requirements, WCAP-17096-NP, Revision 2*" December 2009, Dated May 19, 2010

**To Whom It May Concern:**

EPRI, in cooperation with the PWR Owners Group, is forwarding two copies of the subject report. This report was prepared by the PWR Owners Group Materials Subcommittee to complement the EPRI Materials Reliability Program (MRP) work on reactor internals aging management. Specifically, this report supports the inspection and evaluation guidelines outlined in EPRI report MRP-227 (Reference 1). WCAP-17096-NP, Revision 2 provides utilities with high level methodologies that may be used in the engineering evaluation of conditions encountered in the course of the inspections recommended in MRP-227.

As is the case with MRP-227, this report is being transmitted as a means of exchanging information with the NRC for the purpose of supporting generic regulatory improvements related to methodologies for demonstrating pressurized water reactor (PWR) internals integrity throughout the life of the plant, including the extended period authorized by license renewal in accordance with 10CFR Part 54.

EPRI is requesting that the NRC review the acceptance criteria methodology guidelines and issue a safety evaluation report (SER) on WCAP-17096-NP, Revision 2. A request for waiver of review fees in accordance with 10CFR170.11(a)(1)(iii)(A)(I) has been submitted to the Chief Financial Officer (Reference 2, attached).

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*Additional copies  
Sent to Tanya Monahan*

*TOO*

*NRR*

If you have any questions on this subject, please contact Christine King at 650-855-2164, or Chuck Welty at 650-855-2371.

Sincerely,



Terry McAlister  
SCANA  
Chairman, Materials Reliability Program

Cc James Lash, First Energy  
Tanya Mensah, NRC (with 8 copies of Subject document)  
James Cirilli, Exelon  
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