



**MRP** Materials Reliability Program \_\_\_\_\_ MRP 2014-009  
(via e-mail)

May 12, 2014

Document Control Desk  
Attn: S. Rosenberg, NRR  
U.S. Nuclear Regulatory Commission  
11555 Rockville Pike  
Rockville, MD 20852

Subject: Biennial Report of Recent MRP-227-A Reactor Internals Inspection Results  
(Project 694)

The purpose of this document is to provide the NRC with a report of recent Pressurized Water Reactor (PWR) inspection summary results of inspections performed to satisfy MRP-227-A, Materials Reliability Program: PWR Internals Inspection and Evaluation Guidelines. Subsequent reports will be made on a biennial basis as required by MRP-227-A.

Enclosure 1 provides individual plant summary reports using the templates provided by EPRI letter MRP 2012-013, dated 3/20/2012. To date, six (6) U.S. domestic plants have completed the first MRP-227 reactor internals exams and several additional plants have performed some portion of the exams. In the next 12-18 months, several additional U.S. domestic plants will perform these inspections and the MRP will continue to compile the inspection results for monitoring and trending of aging management programs established by the industry.

Sincerely,

A handwritten signature in blue ink, appearing to read "B.C. Rudell", is positioned above the typed name and title.

B. C. Rudell  
Chairman, Integration Committee  
EPRI-Materials Reliability Program

A handwritten signature in blue ink, appearing to read "Anne Demma", is positioned above the typed name and title.

Anne Demma  
Program Manager  
EPRI- Materials Reliability Program

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