



NUCLEAR ENERGY INSTITUTE

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Document Control Desk  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

**SUBJECT:** Documentation to Support the Materials Reliability Program  
Reactor Vessels Internals Inspection Guidance

**PROJECT NUMBER: 689**

NEI is pleased to provide non-proprietary versions of the following reports to the NRC for information.

- “Materials Reliability Program: Framework and Strategies for Managing Aging Effects in PWR Internals (MRP-134)”, EPRI Report 1008203, June 2005.
- “Materials Reliability Program: Inspection and Flaw Evaluation Strategies for Managing Aging Effects in PWR Internals (MRP-153)”, EPRI Report 1012082, December 2005.
- “Materials Reliability Program: PWR Internals Material Aging Degradation Mechanism Screening and Threshold Values (MRP-175)”, EPRI Report 1012081, December 2005.

These reports provide supporting information for the reactor pressure vessel internals inspection guidance, which will be submitted later. Proprietary versions of these reports were submitted to you in a letter dated March 31, 2006.

If you have any questions on this matter, please contact me (202-739-8137; [jhr@nei.org](mailto:jhr@nei.org)) or Kimberly Keithline (202-739-8105; [kak@nei.org](mailto:kak@nei.org)).

Sincerely,

James H. Riley

Enclosures

c: Mr. Matthew A. Mitchell, U. S. Nuclear Regulatory Commission (w/o enclosures)  
Mr. Glenn A. Gardner, Dominion (w/o enclosures)  
Mr. Dennis Weakland, FENOC (w/o enclosures)  
Mr. Charlie Griffin, PGN (w/o enclosures)  
Mr. H. T. Tang, EPRI (w/o enclosures)