



NUCLEAR ENERGY INSTITUTE

**Alexander Marion**  
DIRECTOR ENGINEERING  
NUCLEAR GENERATION DIVISION

September 28, 2001

Mr. William H. Bateman  
Chief, Materials and Chemical Engineering Branch  
Office of Nuclear Reactor Regulation  
Mail Stop O9H6  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

**SUBJECT:** Resubmittal of Non-Proprietary Documents in Support of the Alloy 600  
Head Penetration Stress Corrosion Cracking Issue

**PROJECT NUMBER: 689**

Dear Mr. Bateman:

This letter submits the following Materials Reliability Program (MRP) documents in response to your letter dated August 29, 2001. The MRP action taken is summarized as well as the action that we are requesting of the NRC.

- EPRI Report TP-1001491, *PWR Materials Reliability Program Interim Alloy 600 Safety Assessment for US PWR Plants (MRP-44), Part 2 Reactor Vessel Top Head Penetrations* (non-priority version)
  - MRP Response – The MRP reclassified this report as a non-proprietary document. A new version of this document is issued with the proprietary stamp removed.
- EPRI Reports TP-1106284-NP, *PWR Materials Reliability Program Response to NRC Bulletin 2001-01 (MRP- 48)* and MRP 2001-050NP, *PWR Materials Reliability Program Interim Alloy 600 Safety Assessments for U.S. PWR Plants (MRP-44), Part 2: Reactor Vessel To Head Penetrations," EPRI TP-1001491, Part 2, May 2001*
  - MRP Response - These proprietary documents were revised to withhold from public disclosure only the information that met 10 CFR 2.790(b)(4) and 2.790(b)(5). The revised documents with new affidavits are provided to the NRC as enclosures.

Mr. William H. Bateman

September 28, 2001

Page 2

- Table 1 – *Key Plant Parameters of PWR Reactor Vessel Head Nozzle PWSCC Assessment* (July 2001)
  - MRP Response – This table is fully incorporated into MRP-48. The MRP is withdrawing the proprietary and non-proprietary versions of the table and the associated affidavit.

We request that the previously transmitted documents be withdrawn.

If you have questions please contact Kurt Cozens (202) 739-8085, koc@nei.org, or me.

Sincerely,



Alexander Marion

KOC/maa

Enclosures