



GE Energy

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MFN 06-478

Docket No. 52-010

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

Subject: **Response to Portion of NRC Request for Additional Information  
Letter No. 72 – Integrity of Reactor Coolant Pressure Boundary –  
RAI Number 5.2-30**

Enclosure 1 contains GE's response to the subject NRC RAIs transmitted via the Reference 1 letter.

If you have any questions about the information provided here, please let me know.

Sincerely,

A handwritten signature in cursive script that reads "David H. Hinds for".

David H. Hinds  
Manager, ESBWR

Reference:

1. MFN 06-384, Letter from U.S. Nuclear Regulatory Commission to David Hinds, *Request for Additional Information Letter No. 72 Related to ESBWR Design Certification Application*, October 10, 2006

Enclosure:

1. MFN 06-478 – Response to Portion of NRC Request for Additional Information Letter No. 72– Integrity of Reactor Coolant Pressure Boundary – RAI Number 5.2-30

cc: AE Cabbage USNRC (with enclosures)  
GB Stramback GE/San Jose (with enclosures)  
eDRF 0038-5963

**Enclosure 1**

**MFN 06-478**

**Response to Portion of NRC Request for**

**Additional Information Letter No. 72**

**Related to ESBWR Design Certification Application**

**Integrity of Reactor Coolant Pressure Boundary**

**RAI Number 5.2-30**

**NRC RAI 5.2-30:**

*Reference to a specific edition and addenda of the ASME Code and OM Code is necessary to reach a safety finding during the design certification stage. Identify in DCD Tier 2, Table 1.9-22 the specific addenda of ASME Code for component design and the specific addenda of OM Code for inservice testing of pumps, valves, and snubbers.*

**GE Response:**

The ASME Code for component testing is shown in the ASME section of Table 1.9-22 as ASME OM with the first column designation of "BPVC OM Code". The 2001 edition, including the 2003 addenda, is now specified in DCD Tier 2, Revision 2. This same edition and addenda are identified in the DCD Tier 2 for the design subsections of the ASME Code III such as NB, NC and ND.

**DCD Impact:**

No additional DCD Tier 2 changes will be made in response to this RAI.