



GE Energy

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MFN 06-263

Docket No. 52-010

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

**Subject: Response to NRC Request for Additional Information Letter No. 24
Related to ESBWR Design Certification Application – Technical
Specifications for Limiting Conditions for Operation – RAI Number
16.0-1**

Enclosure 1 contains GE's response to the subject NRC RAI transmitted via the Reference 1 letter. GE has completed a systematic and comprehensive evaluation of Revision 1 of the ESBWR Design Control Document (DCD) to determine the ESBWR process variables, design features, operating restrictions, and structures, systems, or components (SSCs) that meet one or more of the four criteria in 10 CFR 50.36(c)(2)(ii). This evaluation was used to verify that Revision 1 of DCD Chapter 16, Technical Specifications, includes the Limiting Conditions for Operation (LCOs) required to maintain the validity of the safety analysis and risk analysis described in Revision 1 of the ESBWR DCD.

This completes GE's response to RAI Letter No. 24.

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

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Sincerely,

A handwritten signature in cursive script, appearing to read "David H. Hinds for".

David H. Hinds
Manager, ESBWR

Reference:

1. MFN 06-126, Letter from U.S. Nuclear Regulatory Commission to David H. Hinds, *Request for Additional Information Letter No. 24 Related to ESBWR Design Certification Application*, May 2, 2006

Enclosure:

1. MFN 06-263 – Response to NRC Request for Additional Information Letter No. 24 Related to ESBWR Design Certification Application – Technical Specifications for Limiting Conditions for Operation – RAI Number 16.0-1

cc: WD Beckner USNRC (w/o enclosures)
AE Cabbage USNRC (with enclosures)
LA Dudes USNRC (w/o enclosures)
GB Stramback GE/San Jose (with enclosures)
eDRF 0000-0052-8532

Enclosure 1

MFN 06-263

Response to NRC Request for Additional Information

Letter No. 24 Related to ESBWR Design Certification Application

Technical Specifications for Limiting Conditions for Operation

RAI Number 16.0-1