



GE Energy

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MFN 06-001

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U.S. Nuclear Regulatory Commission
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Subject: Response to NRC Request for Additional Information Letter No. 2 for the ESBWR Design Certification Application – Hydrology, Seismic Analysis Method, Containment Performance and Seismic Margin Assessment

Enclosure 1 contains GE's responses to the NRC RAIs transmitted via the Reference 1 letter. Associated DCD markups are contained in Enclosure 2. These revised DCD sections will be incorporated into DCD Revision 1 or Revision 2 as indicated.

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

Sincerely,

David H. Hinds
Manager, ESBWR

DOG8

Reference:

1. MFN 05-163, Letter from U. S. Nuclear Regulatory Commission to David Hinds, *Request for Additional Information Letter No. 2 for the Economic Simplified Boiling Water Reactor (ESBWR) Design Certification Application*, December 2, 2005

Enclosures:

1. MFN 06-001 – GE Responses to NRC Request for Additional Information Letter No. 2 for the ESBWR Design Certification Application – Hydrology, Seismic Analysis Method, Containment Performance and Seismic Margin Assessment
2. MFN 06-001 – GE Responses to NRC Request for Additional Information Letter No. 2 for the ESBWR Design Certification Application – DCD Markups

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)
eDRFs 0000-0049-2057, 0000-0046-6905, 0000-0049-4029

MFN 06-001
Enclosure 1

ENCLOSURE 1

MFN 06-001

GE Responses to NRC Request for Additional Information
Letter No. 2 for the ESBWR Design Certification Application
Hydrology, Seismic Analysis Method,
Containment Performance and Seismic Margin Assessment

MFN 06-001
Enclosure 2

ENCLOSURE 2

MFN 06-001

GE Responses to NRC Request for Additional Information
Letter No. 2 for the ESBWR Design Certification Application
DCD Markups