GE Energy

David H. Hinds
Manager, ESBWR

PO Box 780 M/C L60
Wilmington, NC 28402-0780
USA

T 910 675 6363
F 910 362 6363
david.hinds@ge.com

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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

DO68

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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 Cubbage   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

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

General Electric Company

ENCLOSURE 2

MFN 06-001

GE Responses to NRC Request for Additional Information

Letter No. 2 for the ESBWR Design Certification Application

DCD Markups