



HITACHI

GE Hitachi Nuclear Energy

Security Notice

This letter forwards Security-Related information in accordance with 10CFR2.390. Upon removal of Enclosure 2, the balance of this letter may be considered non-Security-Related.

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MFN 09-389

Docket 52-010

June 12, 2009

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

Subject Submittal of Interim Draft ESBWR Design Control Document, Revision 6,
Tier 1

GE Hitachi Nuclear Energy (GEH) submitted a design certification application for the ESBWR to the U.S. Nuclear Regulatory Commission (NRC) in a letter dated August 24, 2005 (reference 1), which included Revision 0 of the Design Control Document (DCD). The NRC accepted this application in a letter dated December 1, 2005 (reference 2). As part of the ongoing NRC review, GEH has responded to NRC requests for additional information (RAIs) and has submitted revisions to the DCD through Revision 5, which was submitted June 1, 2008. GEH is currently preparing Revision 6 of the DCD, which will incorporate RAI responses intended to address remaining NRC open items and establish the basis for the NRC Final Safety Evaluation for the design certification. The NRC issued a review schedule in a letter dated February 18, 2009 (reference 3).

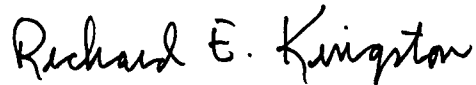
In recent interactions between GEH and the NRC, the staff requested a copy of interim draft ESBWR DCD, Revision 6, Tier 1 sections.

Enclosure 1 provides the public version of the interim draft ESBWR DCD Revision 6, Tier 1. Enclosure 2 provides the security version of the interim draft ESBWR DCD Revision 6, Tier 1. Since the copy provided is an interim ESBWR DCD Revision 6, Tier 1, not all of the outstanding request for additional information (RAI) responses associated with Tier 1 have been incorporated. However, prior to the final submittal of ESBWR DCD Revision 6, Tier 1, GEH will address the remaining RAIs for Tier 1.

JDLB
NRD

If you have any questions, please contact me.

Sincerely,



Richard E. Kingston
Vice President, ESBWR Licensing

References:

1. MFN 05-084, General Electric Company Application for Final Design Approval and Design Certification of ESBWR Standard Plant Design, dated August 24, 2005
2. Letter from U.S. Nuclear Regulatory Commission to Steven A. Hucik, *Acceptance of the General Electric Company Application for Final Design Approval and Standard Design Certification for the Economic Simplified Boiling Water Reactor (ESBWR) Design*, dated December 1, 2005
3. MFN 09-144, Letter from U.S. Nuclear Regulatory Commission to Robert E. Brown, *Economic Simplified Water Reactor (ESBWR) Design Certification Schedule Update*, dated February 18, 2009

Enclosure:

1. CD - Enclosure 1 - Interim Draft ESBWR Design Control Document, Revision 6, Tier 1 – Public Version
2. CD - Enclosure 2 - Interim Draft ESBWR Design Control Document, Revision 6, Tier 1 – with Security Information

cc: AE Cabbage USNRC (with enclosure)
JG Head GEH/Wilmington (w/o enclosure)
DH Hinds GEH/Wilmington (w/o enclosure)

CD Enclosure 1

MFN 09-389

Public Version

Interim Draft ESBWR Design Control Document, Revision 6

Tier 1

CD Enclosure 2

MFN 09-389

Security Version

Interim Draft ESBWR Design Control Document, Revision 6

Tier 1