



**HITACHI**

**GE Hitachi Nuclear Energy**

Richard E. Kingston  
Vice President, ESBWR Licensing

PO Box 780 M/C A-55  
Wilmington, NC 28402-0780  
USA

T 910 675 6192  
F 910 362 6192  
rick.kingston@ge.com

Proprietary Information Notice  
*This letter forwards proprietary information in accordance with 10CFR2.390. The balance of this letter may be considered non-proprietary upon the removal of Enclosure 1.*

MFN 07-563 Supplement 1

Docket No. 52-010

September 10, 2008

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

Subject: **Transmittal of Licensing Topical Report (LTR) NEDE-33261P, "ESBWR Containment Load Definition," Revision 2, June 2008, and NEDO-33261, "ESBWR Containment Load Definition," Revision 2, June 2008**

The purpose of this letter is for GE Hitachi Nuclear Energy (GEH) to transmit revisions to proprietary Licensing Topical Report (LTR) NEDE-33261P, "ESBWR Containment Load Definition," and to non-proprietary LTR NEDO-33261, "ESBWR Containment Load Definition," originally submitted in Reference 1 and revised in Reference 2. These revisions were implemented to include the impact of increasing the diameter of the main steam lines to 30 inches, and include the following specific changes:

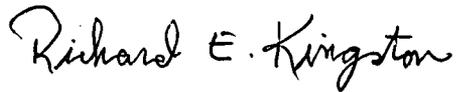
1. Section 3.1.1 is revised to expand Assumption 15 to explain the basis for the effective flow area across the main steam isolation valves (MSIVs).
2. Table 3-2 is revised to update the calculated values.

Enclosure 1 contains proprietary information as defined in 10CFR2.390. The affidavit contained in Enclosure 3 identifies that the information contained in Enclosure 1 has been handled and classified as proprietary to GEH. GEH hereby requests that the proprietary information in Enclosure 1 be withheld from public disclosure in accordance with the provisions of 10 CFR 2.390 and 9.17. Enclosure 2 is the non-proprietary version of the LTR, which does not contain proprietary information and is suitable for public disclosure.

DO68  
NRO

If you have any questions or require additional information, please contact me.

Sincerely,



Richard E. Kingston  
Vice President, ESBWR Licensing

References:

1. MFN 06-121, Letter from David Hinds to U.S. Nuclear Regulatory Commission, *Submittal of Licensing Topical Report, NEDE-33261P, "ESBWR Containment Load Definition," May 2006, May 18, 2006*
2. MFN 07-563, Letter from James C. Kinsey to U.S. Nuclear Regulatory Commission, *Transmittal of Licensing Topical Report (LTR) NEDE-33261P, "ESBWR Containment Load Definition," Revision 1, October 2007, and NEDO-33261, "ESBWR Containment Load Definition," Revision 1, October, 2007, November 8, 2007*

Enclosures:

1. MFN 07-563 Supplement 1 - Licensing Topical Report (LTR) NEDE-33261P, "ESBWR Containment Load Definition," Revision 2, June 2008 - GEH Proprietary Information
2. MFN 07-563 Supplement 1 - Licensing Topical Report (LTR) NEDO-33261, "ESBWR Containment Load Definition," Revision 2, June 2008 - Non-Proprietary Information
3. Affidavit - David H. Hinds - Dated September 10, 2008

cc: AE Cubbage      USNRC (with enclosures)  
RE Brown          GEH/Wilmington (with enclosures)  
eDRF                0000-0037-9618, Revision 4

**Enclosure 2**

**MFN 07-563 Supplement 1**

**Licensing Topical Report (LTR) NEDO-33261,  
"ESBWR Containment Load Definition,"  
Revision 2, June 2008**

**Non-Proprietary Information**