



**HITACHI**

**GE Hitachi Nuclear Energy**

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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 07-694

Docket No. 52-010

December 20, 2007

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

**Subject: Transmittal of Licensing Topical Report (LTR) NEDC-33237P, Revision 3, "GE14 for ESBWR – Critical Power Correlation, Uncertainty, and OLMCPR Development" Related to the Response to RAI 15.0-16S01**

The purpose of this letter is for GE Hitachi Nuclear Energy (GEH) to submit the subject LTR revision as required in the response to the U.S. Nuclear Regulatory Commission (NRC) request for additional information (RAI) 15.0-16 S01 provided by GEH on September 14, 2007, in MFN 07-071 Supplement 1 (Reference 2)." In GEH's response to RAI 15.0-16S01, GEH stated that the subject LTR would be changed to include a new section entitled "5.14 ESBWR SAFETY LIMIT MCPR EVALUATION METHODOLOGY", the Section 6.0 title would change to "REPRESENTATIVE OPERATING LIMIT AND SAFETY LIMIT MCPR, and a paragraph would be added to Section 6.0.

Enclosure 1 contains GNF proprietary information as defined by 10 CFR 2.390. GNF customarily maintains this information in confidence and withholds it from public disclosure. A non-proprietary version is provided in Enclosure 2.

The affidavit contained in Enclosure 3 identifies that the information contained in Enclosure 1 has been handled and classified as proprietary to GNF. GEH hereby requests that the information of Enclosure 1 be withheld from public disclosure in accordance with the provisions of 10 CFR 2.390 and 9.17.

DO68  
NRC

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

Sincerely,

A handwritten signature in black ink that reads "James C. Kinsey". The signature is written in a cursive style with a large, looping initial "J".

James C. Kinsey  
Vice President, ESBWR Licensing

References:

1. MFN 06-381, Letter from U.S. Nuclear Regulatory Commission to David H. Hinds, GEH, *Request For Additional Information Letter No. 69 Related To ESBWR Design Certification Application*, dated October 11, 2006.
2. MFN 07-071, Supplement 1, Letter from James C. Kinsey, GEH, to U.S. Nuclear Regulatory Commission, *Response to Portion of NRC Request for Additional Information Letter No. 69 Related to ESBWR Design Certification Application – Minimum Critical Power Ratio – RAI Number 15.0-16S01*, dated September 14, 2007.

Enclosure:

1. Transmittal of Licensing Topical Report (LTR) NEDC-33237P, Revision 3, "GE14 for ESBWR – Critical Power Correlation, Uncertainty, and OLMCPR Development" Related to the Response to RAI 15.0-16S01 – GNF Proprietary Information
2. MFN 07-694, NEDO-33237, Revision 3, "GE14 for ESBWR – Critical Power Correlation, Uncertainty, and OLMCPR Development" – Non-Proprietary Version
3. Affidavit – Andrew A. Lingenfelter – December 20, 2007

cc: AE Cabbage USNRC (with enclosure)  
GB Stramback GEH/San Jose (with enclosure)  
RE Brown GEH/Wilmington (with enclosure)  
eDRF 0000-0051-6039