



HITACHI

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Security and Proprietary Notice

This letter forwards security-related and proprietary information in accordance with 10CFR2.390. Upon the removal of Enclosure 1, the balance of this letter may be considered non-security-related and non-proprietary.

MFN 09-770, Supplement 1

Docket No. 52-010

October 1, 2010

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

Subject: Transmittal of GEH Licensing Topical Report NEDE-33536P, "Control Building and Reactor Building Environmental Temperature Analysis for ESBWR," Revision 1, October 2010

The purpose of this letter is to submit the GE Hitachi Nuclear Energy (GEH) Licensing Topical Report (LTR), NEDE-33536P, "Control Building and Reactor Building Environmental Temperature Analysis for ESBWR," Revision 1, October 2010. This LTR (Revision 0) was created in response to Reference 1 as discussed in the GEH responses to RAIs 9.4-55 and 9.4-58 (Reference 2). Revision 1 was created to address internal GEH corrective actions, with changes listed in the "Summary of Changes" provided in the LTR.

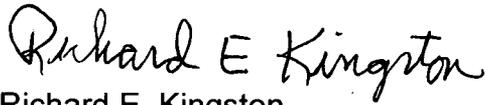
LTR NEDE-33536P, Revision 1, is provided in Enclosure 1, which contains security-related information identified by the designation "Security-Related Information - Withhold Under 10 CFR 2.390". GEH hereby requests this information be withheld from public disclosure in accordance with the provisions of 10 CFR 2.390. Enclosure 1 also contains GEH proprietary information as defined by 10 CFR 2.390. GEH customarily maintains this information in confidence and withholds it from public disclosure. Enclosure 2 provides a public version, LTR NEDO-33536, Revision 1, with security-related and proprietary information redacted.

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

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

Sincerely,



Richard E. Kingston
Vice President, ESBWR Licensing

References:

1. MFN 09-689, Letter from U.S. Nuclear Regulatory Commission to Jerald G. Head, *Request for Additional Information Letter No. 388 Related to ESBWR Design Certification Application*, dated November 2, 2009
2. MFN 09-769, Letter from Richard E. Kingston to U.S. Nuclear Regulatory Commission, *Response to Portion of NRC Request for Additional Information Letter No. 388 Related to ESBWR Design Certification Application – Heat-up Analyses – RAI Numbers 9.4-55 and 9.4-58*, dated December 12, 2009

Enclosures:

1. GEH Licensing Topical Report NEDE-33536P, "Control Building and Reactor Building Environmental Temperature Analysis for ESBWR," Revision 1, October 2010 – Security-Related Information - GEH Proprietary Information
2. GEH Licensing Topical Report NEDO-33536, "Control Building and Reactor Building Environmental Temperature Analysis for ESBWR," Revision 1, October 2010 – Public Version
3. GEH Licensing Topical Report NEDE-33536P, "Control Building and Reactor Building Environmental Temperature Analysis for ESBWR," Revision 1, October 2010 – Affidavit

cc: AE Cabbage USNRC (with enclosures)
JG Head GEH/Wilmington (with enclosures)
DH Hinds GEH/Wilmington (with enclosures)
TL Enfinger GEH/Wilmington (with enclosures)
eDRF Section 0000-0110-2945, Revision 1