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HITACHI

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MFN 09-207

Docket No. 52-010

April 30, 2009

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

Subject: **Response to Portion of NRC Request for Additional Information Letter No. 286 Related To NEDE-33391P, "Economic Simplified Boiling Water Reactor" (ESBWR) Safeguards Assessment Report, dated December 29, 2008 – RAI Number 13.6-157**

The purpose of this letter is to submit the GE Hitachi Nuclear Energy (GEH) response to the U.S. Nuclear Regulatory Commission (NRC) Request for Additional Information (RAI) sent by the Reference 1 NRC letter.

GEH response to RAI Number 13.6-157 is addressed in Enclosure 1. Licensing Topical Report NEDE-33391 markups associated with these responses are provided in Enclosure 2. Licensing Topical Report NEDE 33389 markups associated with these responses are provided in Enclosure 3.

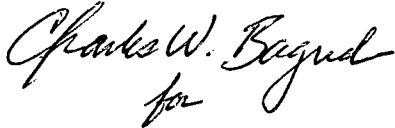
Enclosures 1, 2, and 3 contain Safeguards Information.

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If you have any questions about the information provided here, please contact me.

Sincerely,



Richard E. Kingston
Vice President, ESBWR Licensing

Reference:

1. MFN 09-005, Letter from the U.S. Nuclear Regulatory Commission to Robert E. Brown, Request for Additional Information Letter No. 286, Related To NEDE-33391P, "Economic Simplified Boiling Water Reactor" (ESBWR) Safeguards Assessment Report, dated December 29, 2008

Enclosures:

1. Response to Portion of NRC Request for Additional Information Letter No. 286 Related To NEDE-33391P, ESBWR Safeguards Assessment Report, dated December 29, 2008 – RAI Number 13.6-157
2. (NEDE 33391 Markups) Response to Portion of NRC Request for Additional Information Letter No. 286 Related To NEDE-33391P, ESBWR Safeguards Assessment Report – RAI Numbers 13.6-157
3. (NEDE 33389 Markups) Response to Portion of NRC Request for Additional Information Letter No. 286 Related To NEDE-33391P, ESBWR Safeguards Assessment Report – RAI Numbers 13.6-157

cc: AE Cabbage USNRC (with enclosures)
J G Head GEH/Wilmington (with enclosures)
DH Hinds GEH/Wilmington (with enclosures)
eDRF Section 0000-0101-2810