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Proprietary Notice

This letter forwards proprietary information in accordance with 10CFR 2.390. Upon the removal of Enclosure 1, the balance of this letter may be considered non-proprietary.

MFN 10-315

Docket No. 52-010

October 14, 2010

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

Subject: **Submittal of Accepted Versions of NEDE-33313P, "ESBWR Steam Dryer Structural Evaluation"**

By Reference 1, the NRC issued the final Safety Evaluation for GE-Hitachi Nuclear Energy Americas LLC (GEH) Licensing Topical Report (LTR) NEDE-33313P, "ESBWR Steam Dryer Structural Evaluation." The NRC requested in Reference 1 that GEH publish accepted proprietary and non-proprietary versions of the LTR incorporating the Safety Evaluation. As requested, enclosed are the -A versions of the subject LTR. The accepted (-A) versions of the subject LTR incorporate changes per References 2 through 9.

Enclosure 1 contains proprietary information of the type that GEH maintains in confidence and withholds from public disclosure. The affidavit contained within Enclosure 3 identifies that the information contained in Enclosure 1 has been handled and classified as 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. Enclosure 2 is a non-proprietary version of Enclosure 1.

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

Sincerely,

Richard E. Kingston

Richard E. Kingston
Vice President, ESBWR Licensing

*DOWB
HRO*

References:

1. MFN 10-307, Letter from U.S. Nuclear Regulatory Commission to Jerald G. Head, *Final Safety Evaluation for GE-Hitachi Nuclear Energy for Licensing Topical Report NEDE-33313P*, September 28, 2010
2. MFN 09-621, Letter from Mr. Richard E. Kingston to U.S. Nuclear Regulatory Commission, *Response to NRC Report of the August 25, 2009, and September 9, 2009, Regulatory Audit of Reactor Pressure Vessel Internals of the Economic Simplified Boiling Water Reactor*, October 8, 2009
3. MFN 09-755, Letter from Mr. Richard E. Kingston to U.S. Nuclear Regulatory Commission, *Response to Portion of NRC RAI Letter No. 392 Related to ESBWR Design Certification Application – DCD Tier 2 Section 3.9 – Mechanical Systems and Components; RAI Numbers 3.9-212 S02, 3.9-219 S02 and 3.9-258 S01*, December 4, 2009
4. MFN 09-760, Letter from Mr. Richard E. Kingston to U.S. Nuclear Regulatory Commission, *Response to Portion of NRC RAI Letter No. 392 Related to ESBWR Design Certification Application – DCD Tier 2 Section 3.9 – Mechanical Systems and Components; RAI Number 3.9-214 S02*, December 4, 2009
5. MFN 09-755 Revision 1, Letter from Mr. Richard E. Kingston to U.S. Nuclear Regulatory Commission, *Revised Response to Portion of NRC RAI Letter No. 392 Related to ESBWR Design Certification Application – DCD Tier 2 Section 3.9 – Mechanical Systems and Components; RAI Number 3.9-219 S02 (Revision 1)*, January 21, 2010
6. MFN 09-621, Supplement 1, Letter from Mr. Richard E. Kingston to U.S. Nuclear Regulatory Commission, *Supplemental Response to NRC Report of the August 25, 2009, and September 9, 2009, Regulatory Audit of Reactor Pressure Vessel Internals of the Economic Simplified Boiling Water Reactor*, January 26, 2010
7. MFN 10-067, Letter from Mr. Richard E. Kingston to U.S. Nuclear Regulatory Commission, *Transmittal of ESBWR NEDE-33313P Markups Updating the DCD References in the LTR Reference List*, March 4, 2010
8. MFN 09-333 Supplement 1, Letter from Mr. Richard E. Kingston to U.S. Nuclear Regulatory Commission, *Supplemental Response to NRC RAI Letter No. 314 Related to ESBWR Design Certification Application – DCD Tier 2 Section 3.9 – Mechanical Systems and Components; RAI Number 3.9-144 S02*, March 15, 2010
9. MFN 09-333 Supplement 1, Revision 1, Letter from Mr. Richard E. Kingston to U.S. Nuclear Regulatory Commission, *Revised Supplemental Response to NRC RAI Letter No. 314 Related to ESBWR Design Certification Application – DCD Tier 2 Section 3.9 – Mechanical Systems and Components; RAI Number 3.9-144 S02*, April 14, 2010

Enclosures:

1. NEDE-33313P-A, Revision 2, "ESBWR Steam Dryer Structural Evaluation" – GEH Proprietary Information
2. NEDO-33313-A, Revision 2, "ESBWR Steam Dryer Structural Evaluation" – Non-Proprietary Information
3. Affidavit

cc: AE Cabbage USNRC (with enclosures)
JG Head GEH (with enclosures)
DH Hinds GEH (with enclosures)
SR Andersen GEH (with enclosures)
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