



**HITACHI**

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**Richard E. Kingston**  
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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 10-278

Docket No. 52-010

September 29, 2010

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

**Subject: Submittal of Accepted Versions of NEDC-33413P, "Full Scale Critical Power Testing of GE14E and Validation of GEXL14"**

By Reference 1, the NRC issued the final Safety Evaluation for Global Nuclear Fuel (GNF) Licensing Topical Report (LTR) NEDC-33413P, Revision 2, "Full Scale Critical Power Testing of GE14E and Validation of GEXL14." The NRC requested in Reference 1 that GE Hitachi Nuclear Energy (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.

Enclosure 1 contains proprietary information of the type that GNF 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 GNF. 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

*DOLB  
NRO*

Reference:

1. MFN 10-251, Letter from U.S. Nuclear Regulatory Commission to Jerald G. Head, *Final Safety Evaluation for GE-Hitachi Nuclear Energy Americas LLC Licensing Topical Reports NEDC-33237P, Revision 4, "GE14 for the Economic Simplified Boiling-Water Reactor Critical Power Correlation, Uncertainty, and OLMCPR Development," and NEDC-33413P, Revision 2, "Full Scale Critical Power Testing of GEXL14"*, September 8, 2010

Enclosures:

1. NEDC-33413P-A, Revision 2, "Full Scale Critical Power Testing of GE14E and Validation of GEXL14" – GNF Proprietary Information
2. NEDC-33413-A, Revision 2, "Full Scale Critical Power Testing of GE14E and Validation of GEXL14" – 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)  
eDRFsection 0000-0082-1217 Revision 3