



Global Nuclear Fuel

Andy Lingenfelter
Manager, Engineering

A Joint Venture of GE, Toshiba, & Hitachi
Global Nuclear Fuel – Americas, LLC
Castle Hayne Road, Wilmington, NC 28401
(910) 675-5954 Fax: (910) 675-6614
Andy.Lingenfelter@gnf.com

March 2, 2006

Docket No. 52-010

FLN-2006-011

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

Subject: Transmittal of GNF Fuel Report NEDC-33237P, Supporting the GE ESBWR Design Control Document Submittal (TAC #MC8168)

References:

1. MFN 05-115, GE Response to Results of NRC Acceptance Review for ESBWR Design Certification Application – Items 1 and 3 (TAC # MC8168), October 24, 2005.

In accordance with Reference 1, enclosed is General Electric's technical information report NEDC-33237P, Revision 0, "GE14 for ESBWR – Critical Power Correlation, Uncertainty, and OLMCPR Development," dated March 2006, which contains nuclear fuel design information supporting the certification of the GE ESBWR.

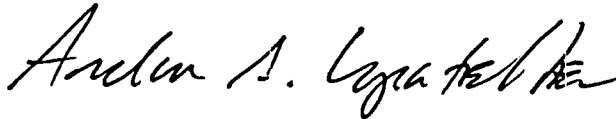
GNF considers the information proprietary in accordance with 10 CFR 2.390. GNF customarily maintains this information in confidence and withholds it from public disclosure. The proprietary pages are indicated by the words "GNF Proprietary Information" in the top margin.

The affidavit contained in Enclosure 1 identifies that the information contained in Enclosure 2 has been handled and classified as proprietary to GNF. GNF hereby requests that the information of Enclosure 2 be withheld from public disclosure in accordance with the provisions of 10 CFR 2.390 and 9.17. Non-proprietary versions of the information contained in Enclosure 2 is provided in Enclosure 3.

*w/Prop CD-Rom
NEDC-33237P*

If you have any questions about the information provided here, please contact me at (910) 675-5954 or George Stramback at (408) 779-2317.

Best regards,



Andrew A. Lingenfelter
Manager, Engineering

Global Nuclear Fuel – Americas, LLC

Enclosures

1. Affidavit, Andrew A. Lingenfelter, dated March 2, 2006
2. GE14 for ESBWR – Critical Power Correlation, Uncertainty, and OLMCPR Development Report, NEDC-33237P, Revision 0, March 2006 (Proprietary CD ROM)
3. GE14 for ESBWR – Critical Power Correlation, Uncertainty, and OLMCPR Development Report, NEDO-33237, Revision 0, March 2006

cc: AE Cubbage - USNRC (with enclosures)
DH Hinds - GE/Wilmington (with enclosures)
GB Stramback - GE/San Jose (with enclosures)