



**Brian R. Moore, Ph.D.**

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**Proprietary Notice**

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

MFN 16-016  
March 25, 2016

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

**Subject: GNF2 Advantage Generic Compliance with NEDE-24011-P-A (GESTAR II),  
NEDC-33270P, Revision 6, March 2016**

This letter transmits Revision 6 to the GNF2 Advantage Generic Compliance with NEDE-24011-P-A (GESTAR II). The enclosed Revision 6 of the GNF2 compliance report updates the report to address the evaluation of a slightly enriched natural uranium blanket on GNF2 Amendment 22 compliance. This change in the natural enrichment relative to the typical 0.71% enrichment is made to allow for small variations that may occur during the manufacturing process. A revision summary is included in the report.

Please note that Enclosure 1 contains proprietary information of the type that Global Nuclear Fuel – Americas (GNF-A) maintains in confidence and withholds from public disclosure. The information has been handled and classified as proprietary to GNF-A as indicated in its affidavit, which is also included in the report. The affidavit contained in Enclosure 3 identifies that the information contained in Enclosure 1 has been handled and classified as proprietary to GNF-A. GNF-A 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 1 is the proprietary version of the GNF2 compliance report and Enclosure 2 is a non-proprietary version. Enclosure 3 contains the affidavit.

If you have any questions about the information provided here, please contact me at (910) 819-6684 or Jim Harrison at (910) 620-1826.

Sincerely,

A handwritten signature in black ink, appearing to read "Brian R. Moore". The signature is fluid and cursive, with the first name "Brian" and last name "Moore" clearly distinguishable.

Brian R. Moore  
Core & Fuel Engineering Manager  
GE-Hitachi Nuclear Energy Americas LLC

Project No. 712

**Enclosures:**

1. GNF2 Advantage Generic Compliance with NEDE-24011-P-A (GESTAR II), NEDC-33270P, Revision 6, March 2016- GNF-A Proprietary Information – Class II (Internal)
2. GNF2 Advantage Generic Compliance with NEDE-24011-P-A (GESTAR II), NEDO-33270, Revision 6, March 2016- Non-Proprietary Information – Class I (Public)
3. Affidavit dated March 2016

**cc:** J Golla, USNRC  
PL Campbell, GEH/Washington  
JG Head, GEH/Wilmington  
JF Harrison, GEH/Wilmington  
PLM Specification 003N4451 Revision 0  
NEDC-33270P Revision 6  
NEDO-33270 Revision 6

**Document Components:**

- 001 MFN 16-016 Cover Letter.pdf
- 002 MFN 16-016 Enclosure 1 Proprietary.pdf
- 003 MFN 16-016 Enclosure 2 Non-Proprietary.pdf
- 004 MFN 16-016 Enclosure 3 Affidavit.pdf