



**Global Nuclear Fuel**

A Joint Venture of GE, Toshiba, & Hitachi

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**Proprietary Notice**

This letter transmits proprietary information in accordance with 10 CFR 2.390. Upon removal of Enclosures 1 and 2, the balance of the letter may be considered non-proprietary.

MFN 15-013

May 1, 2015

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

**Subject: Accepted Proprietary and Non-Proprietary Versions of Revision 21 to NEDE-24011-P, General Electric Standard Application for Reactor Fuel (GESTAR II), Main and United States Supplement**

By References 1 through 4, the US NRC issued the final Safety Evaluation for GESTAR Amendments 36, 38, 39, and 41, respectively. The US NRC requested that Global Nuclear Fuel – Americas (GNF-A) publish accepted proprietary and non-proprietary versions of GESTAR II, labeled with a –A following the Licensing Topical Report (LTR) identification symbol, and incorporating the Safety Evaluations and responses to the associated US NRC requests for additional information. This letter transmits the accepted (-A) version of GESTAR II Main and U.S. Supplement, labeled Revision 21.

Please note that Reference S-111, as noted in Supplement 2 to Amendment 36, has been renumbered to S-112 in Section S.6 and where cited in the GESTAR II US Supplement. In addition, the revision number of Reference S-112 has been changed from Revision 7 to Revision 8 to reflect the correct revision number for the accepted version of NEDC-33075P Revision 7.

Please note that Enclosures 1 and 2 contain proprietary information of the type that 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 5 identifies that the information contained in Enclosures 1 and 2 has been handled and classified as proprietary to GNF-A. GNF-A hereby requests that the information in Enclosures 1 and 2 be withheld from public disclosure in accordance with the provisions of 10 CFR 2.390 and 9.17.

Enclosures 3 and 4 are non-proprietary versions of Enclosures 1 and 2, respectively.

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,



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

Project No. 712

#### References

1. Letter from Mirela Gavrilas (NRC) to Jerald G. Head (GEH), "Final Safety Evaluation for Amendment 36 to Global Nuclear Fuel - Americas Topical Report NEDE-24011-P-A, General Electric Standard Application for Reactor Fuel (GESTAR II) (TAC No. MF3404)," April 23, 2015.
2. Letter from Aby S. Mohseni (NRC) to Jerald G. Head (GEH), "Final Safety Evaluation for Amendment 38 to Global Nuclear Fuel – Americas Topical Report NEDE-24011-P-A/NEDO-24011-A, "General Electric Standard Application for Reactor Fuel (GESTAR II)" (MF4871)," MFN 15-018, March 10, 2015.
3. Letter from Mirela Gavrilas (NRC) to Jerald G. Head (GEH), "Final Safety Evaluation for Amendment 39 to Global Nuclear Fuel - Americas Topical Report NEDE-24011-P-A-19 and NEDE-24011-P-A-19-US, "General Electric Standard Application for Reactor Fuel (GESTAR II) and the US Supplement" (TAC No. MF2797)," MFN 15-026, April 7, 2015.
4. Letter from Mirela Gavrilas (NRC) to Jerald G. Head (GEH), "Final Safety Evaluation for Amendment 41 to Global Nuclear Fuel - Americas Topical Report NEDE-24011-P-A, General Electric Standard Application for Reactor Fuel (GESTAR II) (TAC No. MF4784)," April 23, 2015.

#### Enclosures

1. NEDE-24011-P-A, Revision 21, General Electric Standard Application for Reactor Fuel (GESTAR II, Main), May 2015 – GNF-A Proprietary Information – Class II (Internal)
2. NEDE-24011-P-A, Revision 21, General Electric Standard Application for Reactor Fuel (GESTAR II, U. S. Supplement), May 2015 – GNF-A Proprietary Information – Class II (Internal)
3. NEDO-24011-A, Revision 21, General Electric Standard Application for Reactor Fuel (GESTAR II, Main), May 2015 – Non-Proprietary Information – Class I (Public)

4. NEDO-24011-A, Revision 21, General Electric Standard Application for Reactor Fuel (GESTAR II, U. S. Supplement), May 2015 – Non-Proprietary Information – Class I (Public)
5. Affidavit dated April 2015

cc: J Golla, USNRC

PL Campbell, GEH/Washington

JG Head, GEH/Wilmington

JF Harrison, GEH/Wilmington

PLM Specifications 002N5655 Revision 0

NEDE-24011 Revision 21

NEDE-24011\_US Revision 21

NEDO-24011 Revision 21

NEDO-24011\_US Revision 21

**Document Components:**

001 MFN 15-013 Cover Letter.pdf

002 MFN 15-013 Enclosure 1 Proprietary.pdf

003 MFN 15-013 Enclosure 2 Proprietary.pdf

004 MFN 15-013 Enclosure 3 Non-Proprietary.pdf

005 MFN 15-013 Enclosure 4 Non-Proprietary.pdf

006 MFN 15-013 Enclosure 5 Affidavit.pdf