



Global Nuclear Fuel

A Joint Venture of GE, Toshiba, & Hitachi

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.

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General Manager,
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M170148
August 16, 2017

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

Subject: Accepted Proprietary and Non-Proprietary Versions of Revision 25 to NEDE-24011-P, General Electric Standard Application for Reactor Fuel (GESTAR II), Main and United States Supplement

By References 1 and 2, the US NRC issued the final Safety Evaluation (SE) for GESTAR II Amendments 40 and 45. 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 Evaluation and responses to the associated US NRC requests for additional information.

In addition, GESTAR II Section 1.4 was updated to include the latest revision of the GNF2 compliance report and the addition of the GNF3 compliance report. This change was made consistent with the SE for GESTAR II Amendment 37 allowing GNF to add fuel product line compliance reports to the list in Section 1.4 without the submittal of an amendment request to the NRC for review and approval. And as noted in Limitation and Condition 3 in the Amendment 37 SE, because this change does not reflect a significant change in performance and design characteristics for a new fuel product line as included in their compliance report, NRC staff review and approval is not required before adding the fuel product line to Section 1.4.

There is one variation from the previously submitted Amendment 40 and 45 input. Specifically, because the references were reordered and renumbered in GESTAR II Revision 24, the reference numbers from the Amendment 40 and 45 submittals were changed to be consistent with the current reference numbering in GESTAR II Revision 24.

In addition, a reference citation was corrected in Section 4.3.1.2.6.

This letter transmits the accepted (-A) version of GESTAR II Main and U.S. Supplement, labeled Revision 25.

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 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, Ph.D
General Manager, Core & Fuel Engineering
Global Nuclear Fuel – Americas, LLC

Project No. 712

References:

1. Letter from Kevin Hsueh (NRC) to Jerald G. Head (GEH), “Final Safety Evaluation for Amendment 40 to Global Nuclear Fuel – Americas Topical Report NEDE-24011-P-A-US, General Electric Standard Application for Reactor Fuel and the US Supplement (CAC No. MF4870),” May 16, 2017.
2. Letter from Dennis C. Morey (NRC) to Jerald G. Head (GEH), “Final Safety Evaluation for Global Nuclear Fuel – Americas, LLC, Proposed Amendment 45 to NEDE-24011-P-A-24, “General Electric Standard Application for Reactor Fuel (GESTARII) to Clarify the Application of GESTARII to Plants that Have Specific Approval to Operate at Greater Than 120% OLTP in the MELLLA+Domain (CAC No. MF9621),” August 10, 2017.

Enclosures:

1. NEDE-24011-P-A, Revision 25, General Electric Standard Application for Reactor Fuel (GESTAR II, Main), August 2017 – GNF-A Proprietary Information – Class II (Internal)
2. NEDE-24011-P-A, Revision 25, General Electric Standard Application for Reactor Fuel (GESTAR II, US Supplement), August 2017 – GNF-A Proprietary Information – Class II (Internal)
3. NEDO-24011-A, Revision 25, General Electric Standard Application for Reactor Fuel (GESTAR II, Main), August 2017 – Non-Proprietary Information – Class I (Public)

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4. NEDO-24011-A, Revision 25, General Electric Standard Application for Reactor Fuel (GESTAR II, US Supplement), August 2017 – Non-Proprietary Information – Class I (Public)
5. Affidavit dated August 2017

cc: J Golla, USNRC
PL Campbell, GEH/Washington
JG Head, GEH/Wilmington
JF Harrison, GEH/Wilmington
PLM Specifications 003N2119 Revision 3
NEDE-24011 Revision 25
NEDE-24011_US Revision 25
NEDO-24011 Revision 25
NEDO-24011_US Revision 25

Document Components:

001 M170148 Cover Letter.pdf
002 M170148 Enclosure 1 Proprietary.pdf
003 M170148 Enclosure 2 Proprietary.pdf
004 M170148 Enclosure 3 Non-Proprietary.pdf
005 M170148 Enclosure 4 Non-Proprietary.pdf
006 M170148 Enclosure 5 Affidavit.pdf