Global Nuclear Fuel

~~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.

Brian R. Moore, Ph.D
General Manager,
Core & Fuel Engineering
Global Nuclear Fuel – Americas, LLC
Castle Hayne Road, Wilmington, NC 28401
(910) 232-2115 Fax: (949) 221-6961

M180050
August 9, 2018

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

Subject: Accepted Proprietary and Non-Proprietary Versions of Revision 27 to NEDE-24011–P, General Electric Standard Application for Reactor Fuel (GESTAR II), Main and United States Supplement

By Reference 1, the US NRC issued the final Safety Evaluation (SE) for GESTAR II Amendment 43. 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 SE.

This letter transmits the accepted (-A) version of GESTAR II Main and U.S. Supplement, labeled Revision 27. There is one variation from the previously submitted Amendment 43 input. Reference 3-12 in Section 3.6 has been changed to "Not Used" to reflect that it is no longer cited in Section 3 as a result of the changes to Section 3.4. In addition, the list of GNF3 compliance reports has been updated in Section 1.4 to reflect the current revision, Revision 2 dated March 2018.

By Reference 2, GE Hitachi Nuclear Energy (GEH) issued NEDE-33005P-A Revision 2 which incorporated the completion of the analyses and the NRC Safety Evaluation (SE) for the Satisfaction of Limitation 10.7 for NEDE-33005P, Revision 0, "Licensing Topical Report TRACG Application for Emergency Core Cooling Systems / Loss-of-Coolant-Accident Analyses for BWR/2-6". As discussed in the cover letter of Reference 3, the TRACG-LOCA Reference S-32 in Section S.6 of the US Supplement has been revised to reflect NEDE-33005P-A Revision 2 dated May 2018.

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 Lisa Schichlein at (910) 819-4815.

Sincerely,

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

Project No. 712
Docket No. 99901376

Reference:

1. Letter from Dennis C. Morey (NRC) to Jerald G. Head (GEH), "Final Safety Evaluation for Global Nuclear Fuel – America, LLC, Proposed Amendment 43 to NEDE-24011-P-A-23, "General Electric Standard Application for Reactor Fuel (GESTARII) Section 3.4" (EPID No. L-2016-TOP-0013)," July 30, 2018.
2. Letter from James F. Harrison (GEH) to Document Control Desk (NRC), "Incorporation of the Satisfaction of Limitation 10.7 into NEDE-33005P-A, Revision 2, "TRACG Application for Emergency Core Cooling Systems / Loss-of-Coolant-Accident Analyses for BWR/2-6"," M180111, May 22, 2018.
3. Letter from James F. Harrison (GEH) to Document Control Desk (NRC), "Response to Request for Additional Information Regarding Review of Satisfaction of Limitation 10.7 for NEDE-33005P, Revision 0, Licensing Topical Report "TRACG Application for Emergency Core Cooling Systems / Loss-of-Coolant-Accident Analyses for BWR/2-6"," M180029, February 13, 2018.

Enclosures:

1. NEDE-24011-P-A, Revision 27, General Electric Standard Application for Reactor Fuel (GESTAR II, Main), August 2018 – GNF-A Proprietary Information – Class II (Internal)
2. NEDE-24011-P-A, Revision 27, General Electric Standard Application for Reactor Fuel (GESTAR II, US Supplement), August 2018 – GNF-A Proprietary Information – Class II (Internal)
3. NEDO-24011-A, Revision 27, General Electric Standard Application for Reactor Fuel (GESTAR II, Main), August 2018 – Non-Proprietary Information – Class I (Public)

4. NEDO-24011-A, Revision 27, General Electric Standard Application for Reactor Fuel (GESTAR II, US Supplement), August 2018 – Non-Proprietary Information – Class I (Public)
5. Affidavit dated August 2018

cc: J Golla, USNRC
JG Head, GEH/Wilmington
JF Harrison, GEH/Wilmington
LK Schichlein, GEH/Wilmington
PLM Specifications 003N2119 Revision 5
NEDE-24011 Revision 27
NEDE-24011_US Revision 27
NEDO-24011 Revision 27
NEDO-24011_US Revision 27

Document Components:
001 M180050 Cover Letter.pdf
002 M180050 Enclosure 1 Proprietary.pdf
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