

Proprietary Notice



Global Nuclear Fuel

A Joint Venture of GE, Toshiba, & Hitachi

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.

Brian R. Moore, Ph.D
Engineering Manager,
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MFN 16-053
August 8, 2016

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

**Subject: Response to NRC Requests for Additional Information Regarding
Amendment 37 to GESTAR II**

This letter transmits the Global Nuclear Fuel (GNF) responses to the Nuclear Regulatory Commission (NRC) requests for additional information regarding Amendment 37 to GESTAR II (Reference 1).

Two additional items are also included:

- 1 Section 1.2.3.G of GESTAR II includes text repeated from Section 3.5. The text in Section 1.2.3.G that is repeated is not necessary, and the section will be modified as illustrated in Enclosure 1 to simply reference Section 3.5.
- 2 During recent criticality evaluations it was noted that a long standing temperature assumption was not sufficiently conservative for GE low-density spent fuel storage racks. Therefore, the criteria for low-density spent fuel storage racks has been reduced from 1.31 to 1.28. This change to Section 3.5 of GESTAR II is explained in Enclosure 1.

Please note that Enclosure 1 contains proprietary information of the type that GNF maintains in confidence and withholds from public disclosure. The affidavit contained within Enclosure 3 identifies that the designated information in Enclosure 1 has been handled and classified as proprietary to GNF. GNF 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 2 is the non-proprietary version of Enclosure 1.

If you have any questions regarding 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 that reads "Brian R. Moore".

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

Project No. 712

No commitments are made in this letter beyond those specifically made in the RAI responses.

Reference:

1. Letter, Joseph A. Golla (NRC) to Jerald G. Head (GEH), Subject: Request for Additional Information Regarding Review of Amendment 37 to Licensing Topical Reports NEDE-24011-P-A-19 and NEDE-24011-P-A-19-US, General Electric Standard Application for Reactor Fuel and the U.S. Supplement (TAC No. MF0743), MFN 16-003, January 11, 2016.

Enclosures:

1. GNF Response to RAIs – GNF Proprietary Information – Class II (Internal)
2. GNF Response to RAIs – Non-Proprietary Information – Class I (Public)
3. Affidavit for Enclosure 1

cc: J Golla, USNRC
PL Campbell, GEH/Washington
JG Head, GEH/Wilmington
JF Harrison, GEH/Wilmington
PLM Specification NEDE-24011 Revision 22.3

Document Components:

001 MFN 16-053 Cover Letter.pdf
002 MFN 16-053 Enclosure 1 Proprietary.pdf
003 MFN 16-053 Enclosure 2 Non-Proprietary.pdf
004 MFN 16-053 Enclosure 3 Affidavit.pdf