



**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 Enclosure 1, the balance of the letter may be considered non-proprietary.

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MFN 16-061  
October 25, 2016

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

Attention: Director, Division of Safety Systems, Office of Nuclear Reactor Regulation

**Subject: NEDE-33798P Supplement 1, “NSF Channel Annual Experience Summary Report”**

This letter transmits the demonstration and documentation by Global Nuclear Fuel (GNF) of the continued in-reactor performance and applicability of NSF models, as required annually, in compliance with Condition and Limitation 4 in the final Safety Evaluation (SE) for NEDE-33798P (Reference 1).

Please note that Enclosure 1 contains 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 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 2 is the non-proprietary version of Enclosure 1.

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  
Global Nuclear Fuel – Americas, LLC

Project No. 712

**Reference:**

1. Mirela Gavrilas (NRC) to Jerald G. Head (GEH), Subject: Final Safety Evaluation for Global Nuclear Fuel – Americas, LLC Licensing Topical Report NEDE-33798P, “Application of NSF to GNF Fuel Channel Designs” (TAC No. MF0742), MFN 15-080, September 1, 2015.

**Enclosures:**

1. NEDE-33798P Supplement 1, “NSF Channel Annual Experience Summary Report,” GNF Proprietary Information – Class II (Internal)
2. NEDO-33798 Supplement 1, “NSF Channel Annual Experience Summary Report,” Non - Proprietary Information – Class I (Public)
3. Affidavit for Enclosure 1

cc:

Director, Division of Safety Systems, Office of Nuclear Reactor Regulation  
J Golla, USNRC  
PL Campbell, GEH/Washington  
JG Head, GEH/Wilmington  
JF Harrison, GEH/Wilmington  
PLM Specification 003N6033 R2, NEDE-33798\_S1 R0, and NEDO-33798\_S1 R0

001 MFN 16-061 Cover Letter.pdf  
002 MFN 16-061 Enclosure 1 Proprietary.pdf  
003 MFN 16-061 Enclosure 2 Non-Proprietary.pdf  
004 MFN 16-061 Enclosure 3 Affidavit.pdf