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**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.

M190045

April 10, 2019

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

**Subject: Accepted Version of NEDC-33353P, Revision 0, “Application of GNF-Ziron to GNF Fuel Designs”**

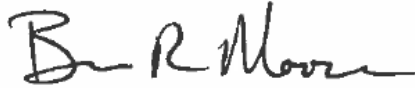
By Reference 1, the NRC issued the final Safety Evaluation (SE) for Global Nuclear Fuel - Americas (GNF-A) Licensing Topical Report (LTR) NEDC-33353P, Revision 0, “Application of GNF-Ziron to GNF Fuel Designs.” The NRC requested in Reference 1 that GNF-A publish accepted proprietary and non-proprietary versions of the LTR incorporating the SE and GNF-A responses to the associated NRC requests for additional information (Reference 2). The Executive Summary and Sections 3.2, 4.0, and B.3.f were revised per Reference 2.

As requested, enclosed is the accepted (-A) version of the subject LTR.

Enclosure 1 contains proprietary information of the type that GNF-A maintains in confidence and withholds from public disclosure. The affidavit contained within 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 a non-proprietary version of Enclosure 1.

If you have any questions, please contact me.

Sincerely,



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

Docket No. 99901376

Project No. 712

**References:**

1. Letter, Dennis C. Morey (NRC) to Michelle P. Catts (GEH), “Final Safety Evaluation for Licensing Topical Report NEDC-33353P, “Licensing Topical Report Application of GNF-Ziron to GNF Fuel Designs” (EPID: L-2010-TOP-0003),” March 29, 2019.
2. Letter from Brian R. Moore (GNF) to NRC Document Control Desk, Subject: GNF Responses to NRC RAIs for Licensing Topical Report NEDC-33353P, “Licensing Topical Report Application of GNF-Ziron to GNF Fuel Designs”, MFN 15-059, October 23, 2015.

**Enclosures:**

1. NEDC-33353P-A, Revision 1 – GNF Proprietary Information – Non-Public
2. NEDO-33353-A, Revision 1 – Non-Proprietary Information
3. Affidavit

cc: J Golla, US NRC  
MP Catts, GEH/Wilmington  
LK Schichlein, GEH/Wilmington  
PLM Specification 002N7307 R3

001 M190045 Cover Letter.pdf  
002 M190045 Enclosure 1 Proprietary.pdf  
003 M190045 Enclosure 2 Non-Proprietary.pdf  
004 M190045 Enclosure 3 Affidavit.pdf