



**Global Nuclear Fuel**

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

**Subject: Accepted Version of NEDE-33885P-A “GNF CRDA Application Methodology”**

By letter dated January 16, 2020 an NRC final safety evaluation (SE) regarding NRC acceptance of Licensing Topical Report NEDE-33885P, Revision 0, was received by GEH. In that acceptance letter the NRC requested that GEH publish approved proprietary and non-proprietary versions of NEDE-33885P, Revision 0. This letter transmits the published versions as requested. The published version is Revision 1, Revision 1 is the acceptance version of Revision 0. The NRC Safety Evaluation has been included in the front of the document and the RAIs and corresponding responses have been added as Appendix C. In addition, changes committed in the RAI responses were made in Sections 4.1.1.5 (NRC RAI #1), a new Section 4.2.2 and new Table 4-5 were added (NRC RAI #3), Section 4.3.4 (NRC RAI #4), and Section 4.3.3 (NRC RAI #6).

Please note that Enclosure 1 contains proprietary information of the type that Global Nuclear Fuel–Americas (GNF-A) maintains in confidence and withholds from public disclosure. The affidavit contained in Enclosure 2 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 3 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 Kent Halac at (910) 819-5307.

Sincerely,

A handwritten signature in black ink that reads 'Brian R. Moore'. The signature is written in a cursive style with a large initial 'B' and 'M'.

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

Docket No. 99901376  
Project Number 712

**Enclosures**

1. GNF Licensing Topical Report, NEDE-33885P-A, Revision 1, GNF-A CRDA Application Methodology,” March 2020 - GNF Proprietary Information – Non-Public.
2. Affidavit for Enclosure 1
3. GNF Licensing Topical Report, NEDO-33885-A, Revision 1, GNF-A CRDA Application Methodology,” March 2020 – Non-Proprietary Information – Public.

cc: N Otto, USNRC  
MP Catts, GEH/Wilmington  
KE Halac, GEH/Wilmington  
PLM Specifications 006N0175 R0, NEDE-33885P-A, R1, and NEDO-33885-A, R1

**Document Components:**

001 M200034 Cover Letter.pdf  
002 M200034 Enclosure 1 Proprietary.pdf  
003 M200034 Enclosure 2 Affidavit.pdf  
004 M200034 Enclosure 3 Non-Proprietary.pdf