



Brian R. Moore, Ph.D.

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Proprietary Notice

This letter transmits proprietary information in accordance with 10 CFR 2.390. Upon removal of Enclosures 1 and 4, the balance of the letter may be considered non-proprietary.

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MFN 16-080
December 15, 2016

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

Subject: Approved Versions of NEDC-33376P, Revision 1, “LANCR02 Lattice Physics Model Description,” and NEDC-33377P, Revision 1, “LANCR02 Lattice Physics Model Qualification”

By Reference 1, the NRC issued the final Safety Evaluation (SE) for Global Nuclear Fuel - Americas (GNF-A) Licensing Topical Reports (LTRs) NEDC-33376P, Revision 1, “LANCR02 Lattice Physics Model Description,” and NEDC-33377P, Revision 1, “LANCR02 Lattice Physics Model Qualification.” The NRC requested in Reference 1 that GNF-A publish approved proprietary and non-proprietary versions of the LTRs incorporating the SE and GNF-A responses to the associated NRC Requests for Additional Information (RAIs) (Reference 2).

Although the review basis for the final SE is Revision 1 of NEDC-33376P and Revision 1 of NEDC-33377P, GNF-A submitted Revision 2 of both LTRs to the NRC staff to support the resolution of the RAI responses (Reference 2). In Revision 2 of the LTRs, all changes were noted with revision bars in the right margin. The revision bars have been retained in the approved version of both LTRs, which is labelled Revision 3. It should be noted that no technical changes were made to the Revision 2 LTRs to produce the approved Revision 3 versions.

As requested, enclosed are the approved (-A) versions of the subject LTRs.

Enclosures 1 and 4 contain proprietary information of the type that GNF-A maintains in confidence and withholds from public disclosure. The affidavits contained within Enclosures 3 and 6 identify that the information contained in Enclosures 1 and 4 has been handled and classified as proprietary to GNF-A. GNF-A hereby requests that the information in Enclosures 1 and 4 be withheld from public disclosure in accordance with the provisions of 10 CFR 2.390 and 9.17. Enclosures 2 and 5 are the non-proprietary versions of Enclosures 1 and 4, respectively.

If you have any questions, please contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "B R Moore".

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

Project No. 712

References:

1. Letter from Kevin Hsueh (NRC) to Jerald Head (GEH), Subject: Final Safety Evaluation for Global Nuclear Fuel – Americas, LLC Topical Report NEDC-33376P/NEDC-33376, Revision 1, “LANCR02 Lattice Physics Model Description Licensing Topical Report and NEDC-33377P/NEDC-33377, Revision 1, “LANCR02 Lattice Physics Model Qualification Licensing Topical Report” (CAC No. ME1695), MFN 16-078, October 5, 2016.
2. Letter from Brian Moore (GNF) to NRC Document Control Desk, Subject: GNF Responses to NRC RAIs for NEDC-33376P, Revision 1, “LANCR02 Lattice Physics Model Description” and NEDC-33377P, Revision 1, “LANCR02 Lattice Physics Model Qualification”, MFN 15-056, August 5, 2015.

Enclosures:

1. NEDC-33376P-A, Revision 3, “LANCR02 Lattice Physics Model Description” – GNF Proprietary Information – Class II (Internal)
2. NEDC-33376-A, Revision 3, “LANCR02 Lattice Physics Model Description” – Non-Proprietary Information – Class I (Public)
3. Affidavit for Enclosure 1
4. NEDC-33377P-A, Revision 3, “LANCR02 Lattice Physics Model Qualification” – GNF Proprietary Information – Class II (Internal)
5. NEDC-33377-A, Revision 3, “LANCR02 Lattice Physics Model Qualification” – Non-Proprietary Information – Class I (Public)
6. Affidavit for Enclosure 4

cc: J Golla, US NRC
JG Head, GEH/Wilmington
PL Campbell, GEH/Washington
JF Harrison, GEH/Wilmington
PLM Specifications 002N4595 R3, NEDC-33376P R3, NEDO-33376 R3,
NEDC-33377P R3, NEDO-33377 R3

001 MFN 16-080 Cover Letter.pdf
002 MFN 16-080 Enclosure 1 Proprietary.pdf
003 MFN 16-080 Enclosure 2 Non-Proprietary.pdf
004 MFN 16-080 Enclosure 3 Affidavit.pdf
005 MFN 16-080 Enclosure 4 Proprietary.pdf
006 MFN 16-080 Enclosure 5 Non-Proprietary.pdf
007 MFN 16-080 Enclosure 6 Affidavit.pdf