



Global Nuclear Fuel

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Proprietary Notice

This letter transmits proprietary information in accordance with 10 CFR 2.390. Upon removal of Enclosures 1, 4, and 7, the balance of the letter may be considered non-proprietary.

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MFN 15-056
August 5, 2015

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

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”

This letter transmits the Global Nuclear Fuel (GNF) responses to the Nuclear Regulatory Commission (NRC) Requests for Additional Information (RAIs) for the NEDC-33376P, Revision 1 and NEDC-33377P, Revision 1 submittal provided in Reference 1.

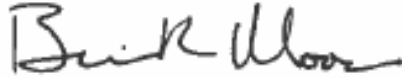
Enclosure 1 contains the GNF responses to the Reference 2 RAIs. Enclosures 4 and 7 contain Revision 2 of NEDC-33376P, “LANCR02 Lattice Physics Model Description” and Revision 2 of NEDC-33377P, “LANCR02 Lattice Physics Model Qualification,” both of which have been revised consistent with the RAI responses shown in Enclosure 1. Revision 2 of each of these reports should be the reference documents for the NRC approval.

Please note that Enclosures 1, 4, and 7 contain 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 affidavits contained in Enclosures 3, 6, and 9 identify that the information contained in Enclosures 1, 4, and 7 have been handled and classified as proprietary to GNF-A. GNF-A hereby requests that the information in Enclosures 1, 4, and 7 be withheld from public disclosure in accordance with the provisions of 10 CFR 2.390 and 9.17.

Enclosures 2, 5, and 8 are the non-proprietary versions of Enclosures 1, 4, and 7, respectively.

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

References:

1. Andrew A. Lingenfelter (GNF) to Document Control Desk (NRC), “LANCR02 Lattice Physics Model Description Licensing Topical Report, NEDC-33376P, Revision 1, June 2009, and LANCR02 Lattice Physics Model Qualification Licensing Topical Report, NEDC-33377P, Revision 1, June 2009,” MFN 09-440, June 30, 2009.
2. Joseph A. Golla (NRC) to Jerald G. Head (GEH), “Request for Additional Information Regarding Review of Licensing Topical Reports NEDC-33376P, “LANCR02 Lattice Physics Model Description,” and NEDC-33377P, “LANCR02 Lattice Physics Model Qualification” (TAC NO. ME1695),” MFN 15-048, June 9, 2015.

Enclosures:

1. Responses to NRC RAIs for NEDC-33376P, Revision 1 and NEDC-33377P, Revision 1 Submittal, GNF Proprietary Information – Class II (Internal)
2. Responses to NRC RAIs for NEDC-33376P, Revision 1 and NEDC-33377P, Revision 1 Submittal, Non - Proprietary Information – Class I (Public)
3. Affidavit for Enclosure 1
4. NEDC-33376P, Revision 2, “LANCR02 Lattice Physics Model Description”, GNF Proprietary Information – Class II (Internal)
5. NEDC-33376, Revision 2, “LANCR02 Lattice Physics Model Description”, Non - Proprietary Information – Class I (Public)
6. Affidavit for Enclosure 4
7. NEDC-33377P, Revision 2, “LANCR02 Lattice Physics Model Qualification”, GNF Proprietary Information – Class II (Internal)
8. NEDC-33377, Revision 2, “LANCR02 Lattice Physics Model Qualification”, Non - Proprietary Information – Class I (Public)
9. Affidavit for Enclosure 7

cc:

J Golla, USNRC

PL Campbell, GEH/Washington

JG Head, GEH/Wilmington

JF Harrison, GEH/Wilmington

PLM Specifications 002N4595 R1, NEDC-33376P R2, NEDO-33376 R2, NEDC-33377P R2,
NEDO-33377 R2

001 MFN 15-056 Cover Letter.pdf
002 MFN 15-056 Enclosure 1 Proprietary.pdf
003 MFN 15-056 Enclosure 2 Non-Proprietary.pdf
004 MFN 15-056 Enclosure 3 Affidavit.pdf
005 MFN 15-056 Enclosure 4 Proprietary.pdf
006 MFN 15-056 Enclosure 5 Non-Proprietary.pdf
007 MFN 15-056 Enclosure 6 Affidavit.pdf
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