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GE Hitachi Nuclear Energy

Proprietary Notice

This letter transmits proprietary information in accordance with 10CFR2.390. Upon the removal of Enclosure 1, the balance of the letter may be considered non-proprietary.

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MFN 09-517

July 31, 2009

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

Subject: NEDC-33173P, Supplement 3 – Applicability of GE Methods to Expanded Operating Domains - Supplement for GNF2 Fuel

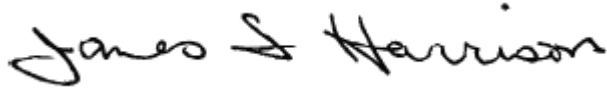
By Reference 1, the NRC approved GEH's Licensing Topical Report (LTR), NEDC-33173P, Applicability of GEH Methods to Expanded Operating Domains (Methods LTR). The NRC SE states in Section 8.2 and Limitation 22 that the NRC's review of the Methods LTR is limited to the current GEH fuel designs (i.e., GE14 and earlier). GNF has developed a new fuel design, GNF2, which is described in GNF Report NEDC-33270P, Revision 2, June 2009, "GNF2 Advantage Generic Compliance with NEDE-24011-P-A (GESTAR II)", (Reference 2). Enclosed is a supplement to NEDC-33173P that documents the adequacy of the GEH analytical methods relative to GNF2 fuel when used for expanded operating domains.

As discussed with the NRC staff, GEH anticipates certain utilities in the near future will submit license applications for expanded operating domains that utilize GNF2 fuel. Additionally, other utilities already approved for expanded operating domains based on NEDC-33173P will desire to transition from GE14 fuel to GNF2. This supplement would support both uses of GNF2 fuel.

Enclosure 1 contains proprietary information of the type that GEH maintains in confidence and withholds from public disclosure. The affidavit contained within NEDC-33173P is applicable to the information provided in Enclosure 1 and identifies that the information contained in Enclosure 1 has been handled and classified as proprietary to GEH. GEH 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 Mike Lalor at (408) 925-2443 or me.

Sincerely,



James F. Harrison
Vice President, Fuel Licensing
Regulatory Affairs
GE-Hitachi Nuclear Energy Americas LLC

Project No. 710

Reference:

1. Letter from TB Blount, (NRC) to JG Head (GEH), Subject: Final Safety Evaluation for GE Hitachi Nuclear Energy Americas, LLC Licensing Topical Report NEDC-33173P, "Applicability Of GE Methods To Expanded Operating Domains" (TAC No. MD0277), dated July 21, 2009.
2. Letter from AA Lingenfelter (GNF) to Document Control Desk (NRC), "GNF2 Advantage Generic Compliance with NEDE-24011-P-A (GESTAR II), NEDC-33270P, Revision 2, June 2009 and GEXL Correlation for GNF2 Fuel, NEDC-33292P, Revision 3, June 2009," June 30, 2009, MFN 09-436.

Enclosure

1. NEDC-33173P, Supplement 3 – GNF2 Supplement – Proprietary
2. NEDO-33173, Supplement 3 – GNF2 Supplement – Non-Proprietary Version
3. Affidavit

cc: SS Philpott, NRC
AA Lingenfelter, GNF/Wilmington
JG Head, GEH/Wilmington
BR Moore, GNF/Wilmington
TB Draffen, GEH/Wilmington
MA Lalor, GEH/San Jose
PT Tran, GEH/Vallecitos
eDRF Section 0000-0105-4095-R1

Document Components:

001 MFN 09-517 Cover Letter.pdf
002 MFN 09-517 Enclosure 1 Proprietary.pdf
003 MFN 09-517 Enclosure 2 Non-Proprietary.pdf
004 MFN 09-517 Enclosure 3 Affidavit.pdf