



GE-Hitachi Nuclear Energy Americas, LLC

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.

Richard Kingston
Project Manager,
Regulatory Affairs
P.O. Box 780, M/C A-30
Wilmington, NC 28401 USA

T 910.675.6192
F 910.362.6192
Rick.Kingston@ge.com

MFN 07-478
August 29, 2007

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

Subject: Transmittal of Supplement 1 to NEDC-33173P, Void Fraction Error Based on 10x10 Fuel Pressure Drop Data (TAC No. MD0277)

In Reference 1, GE-Hitachi (GEH) committed to provide a report of GE14 pressure drop data and an analysis of this data relating to void prediction error. The committed report is enclosed.

Subsequently, the NRC issued its draft Safety Evaluation (SE) (Reference 2) regarding GEH's Licensing Topical Report, NEDC-33173P. That SE contained a limitation that requires an additional 0.01 will be added to the operating limit minimum critical power ratio (OLMCPR) until such time that the database supporting the Findlay-Dix void-quality correlation is expanded.

GEH considers the enclosed report to satisfy the limitation regarding an expanded database supporting the void-quality correlation. Therefore, GEH requests that the NRC review and approve the enclosed report and supplement the SE associated with NEDC-33173P to remove the limitation regarding the additional 0.01 margin to the OLMCPR.

Enclosure 1 contains proprietary information of the type that GEH maintains in confidence and withholds from public disclosure. The information has been handled and classified as proprietary to GEH as indicated in the affidavit. The affidavit contained in Enclosure 3, a copy of which is provided in the proprietary version of the report, 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.

DOCS

NR

If you have any questions, please contact Mike Lalor at (408) 925-2443 or me.

Sincerely,



Richard E. Kingston
Project Manager, Regulatory Affairs

Project No. 710

References:

1. Letter from R.E. Brown (GEH) to NRC, *Commitment to Update GE's Void Fraction Data*, MNF 06-435, dated November 3, 2006.
2. Letter from SL Rosenberg, (USNRC) to RE Brown (GE), *Supplement to the Draft Safety Evaluation for GE-Hitachi Nuclear Energy Americas, LLC (GEH) Licensing Topical Report (LTR) NEDC-33006P, Maximum Extended Load Line Limit Analysis Plus*, August 14, 2007

Enclosures:

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

cc: JS Bowman, GEH/Wilmington
PT Tran, GEH/Vallecitos
AA Lingenfelter, GNF/ Wilmington
JGM Andersen, GNF/ Wilmington
RE Kingston, GEH/Wilmington
JF Klapproth, GEH/Wilmington
MA Lalor, GEH/San Jose
RE Brown, GEH/Wilmington
eDRF Section 0000-0060-5204