September 2, 2010

Mr. Jerald G. Head
Senior Vice President, Regulatory Affairs
GE-Hitachi Nuclear Energy Americas, LLC
P.O. Box 780, M/C A-18
Wilmington, NC 28401-0780

SUBJECT: ACCEPTANCE FOR REVIEW OF GE HITACHI NUCLEAR ENERGY TOPICAL REPORT NEDC-33173P, SUPPLEMENT 1, "VOID FRACTION UNCERTAINTY BASED ON 10X10 FUEL PRESSURE DROP DATA" (TAC NO. ME3980)

Dear Mr. Head:

By letter dated April 5, 2010, GE Hitachi Nuclear Energy (GEH) submitted for U.S. Nuclear Regulatory Commission (NRC) staff review Supplement 1, "Void Fraction Uncertainty Based on 10x10 Fuel Pressure Drop Data," to Topical Report (TR) NEDC-33173P, "Applicability of GE Methods to Expanded Operating Domains." The NRC staff has performed an acceptance review of the "Void Fraction Uncertainty Based on 10x10 Fuel Pressure Drop Data" and found that the material presented provides the technical information in sufficient detail to enable the staff to proceed with a detailed technical review. The NRC staff expects to issue its request for additional information by February 28, 2011 and issue its draft safety evaluation by August 29, 2011. The NRC staff estimates that the review will require approximately 580 staff hours including project management time. The review schedule milestones and estimated review costs were discussed and agreed upon in a telephone conference between James F. Harrison, Vice President - Fuel Licensing and the NRC staff on August 31, 2010.

Section 170.21 of Title 10 of the *Code of Federal Regulations* requires that TRs are subject to fees based on the full cost of the review. You did not request a fee waiver; therefore, NRC staff hours will be billed accordingly.

If you have questions regarding this matter, please contact Stephen S. Philpott at (301) 415-2365.

Sincerely,

/RA/

John R. Jolicoeur, Chief
Licensing Processes Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

Project No. 710

cc: See next page

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DATE	08/31/2010	9/1/10	9/1/10	9/2/10

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