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April 20, 2017

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: DRAFT SAFETY EVALUATION FOR GLOBAL NUCLEAR FUEL – AMERICAS
LLC, NEDC-33840P, THE PRIME MODEL FOR TRANSIENT ANALYSIS OF
FUEL ROD THERMAL MECHANICAL PERFORMANCE (CAC NO. MF7687)

Dear Mr. Head:

By letter dated April 22, 2016 (Agencywide Documents Access and Management System Accession No. ML16113A264), Global Nuclear Fuel (GNF) submitted Topical Report NEDC-33840P, "The PRIME Model for Transient Analysis of Fuel Rod Thermal – Mechanical Performance," to the U.S. Nuclear Regulatory Commission (NRC) staff for review. Enclosed for GNF review and comment is a copy of the NRC staff's draft safety evaluation (SE) for the licensing topical reports.

Pursuant to Section 2.390 of Title 10 of the *Code of Federal Regulations* (10 CFR), we believe that the enclosed draft SE may contain proprietary information. However, we have not marked the specific proprietary information and are providing you with the opportunity to comment on the proprietary aspects. If you believe that any information in the enclosure is proprietary, please identify such information line-by-line and define the basis pursuant to the criteria of 10 CFR 2.390. Twenty working days are provided for you to comment on the proprietary aspects and any factual errors or clarity concerns contained in the draft SE. The final SE will be issued after making any necessary changes and a non-proprietary version will be made publicly available. The NRC staff's disposition of your comments on the draft SE will be discussed in the final SE.

NOTICE: the Enclosure transmitted herewith contains Proprietary Information. When separated from the Enclosure, this transmittal document is decontrolled.

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To facilitate the NRC staff's review of your comments, please provide a marked-up copy of the draft SE showing proposed changes and provide a summary table of the proposed changes.

If you have any questions, please contact Joseph Golla at 301-415-1002.

Sincerely,

/RA/

Kevin Hsueh, Chief
Licensing Processes Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

Project No. 712

Enclosure:
Draft Safety Evaluation

cc w/o encl: See next page

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DATED: APRIL 20, 2017

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NRR-043

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cc:

Project No. 712

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