



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
WASHINGTON, D.C. 20555-0001

February 6, 2019

Ms. Michelle P. Catts
Senior Vice President, Regulatory Affairs
GE-Hitachi Nuclear Energy Americas, LLC
P.O. Box 780, M/C A-10
Wilmington, NC 28401-0780

**SUBJECT: DRAFT SAFETY EVALUATION FOR NEDC-33173P SUPPLEMENT 5 –
APPLICABILITY OF GE METHODS TO EXPANDED OPERATING
DOMAINS – SUPPLEMENT FOR GNF3 FUEL (EPID L-2017-TOP-0033)**

Dear Ms. Catts:

By letter dated June 8, 2017 (Agencywide Documents Access and Management System Accession No. ML17159A680), GE Hitachi Nuclear Energy (GEH) submitted NEDC-33173P, Supplement 5, "Applicability of GE Methods to Expanded Operating Domains – Supplement for GNF3 Fuel" to the U.S. Nuclear Regulatory Commission (NRC) staff for review. Enclosed for GEH review and comment is a copy of the NRC staff's draft safety evaluation (SE) for the supplement.

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.

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.

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

M. Catts

- 2 -

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

Sincerely,

/RA/

Dennis C. Morey, Chief
Licensing Processes Branch
Division of Licensing Projects
Office of Nuclear Reactor Regulation

Docket No. 99902024

Enclosure:
Draft SE

cc w/o encl.:

Mr. Kent E. Halac
Senior Project Manager, Regulatory Affairs
GE-Hitachi Nuclear Energy Americas, LLC
P.O. Box 780, M/C A-70
Wilmington, NC 28401-0780
Kent.Halac@ge.com

Dr. Brian R. Moore
General Manager, Core & Fuel Engineering
Global Nuclear Fuel–Americas, LLC
P.O. Box 780, M/C A-75
Wilmington, NC 28401-0780
Brian.Moore@ge.com

Ms. Lisa K. Schichlein
Senior Project Manager, Regulatory Affairs
GE-Hitachi Nuclear Energy Americas, LLC
P.O. Box 780, M/C A-70
Wilmington, NC 28401-0780
Lisa.Schichlein@ge.com

M. Catts

- 3 -

SUBJECT: DRAFT SAFETY EVALUATION FOR NEDC-33173P SUPPLEMENT 5 –
APPLICABILITY OF GE METHODS TO EXPANDED OPERATING
DOMAINS – SUPPLEMENT FOR GNF3 FUEL (EPID L-2017-TOP-0033)
DATE: FEBRUARY 6, 2019

DISTRIBUTION:

PUBLIC (Cover letter)	NON-PUBLIC (SE)	RidsNrrDlp
RidsNrrDlpPIpb	PLPB R/F	JGolla, NRR
RidsNrrLADHarrison	RidsOgcMailCenter	RidsACRS_MailCTR
RidsNrrDss	RidsNrrDssSnpb	RidsNroOd
RidsResOd	DMorey, NRR	KHeller, NRR
RLukes, NRR	BParks, NRR	

**ADAMS Accession Nos.: ML19002A376 - Letter ML19002A381 - Proprietary Draft SE;
ML19002A387 – Pkg. *concurrence via e-mail NRR-043**

OFFICE	NRR/DLPPLPB/PM	NRR/DLPPLPB/LA*	NRC/DSS/SNPB/BC	NRR/DLPPLPB/BC
NAME	JGolla	DHarrison	RLukes	DMorey
DATE	1/22/2019	1/17/2019	1/30/2019	2/5/2019

OFFICIAL RECORD COPY