



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

June 26, 2018

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 AMENDMENT 43 TO GLOBAL NUCLEAR FUEL – AMERICAS TOPICAL REPORT NEDE-24011-P-A-US, GENERAL ELECTRIC STANDARD APPLICATION FOR REACTOR FUEL (GESTAR II) SECTION 3.4 FINAL CORE LOADING PATTERN COMPARISON (RELOAD CORES) (EPID L-2016-TOP-0013)

Dear Mr. Head:

By letter dated November 14, 2016 (Agencywide Documents Access and Management System Accession No. ML16319A252), Global Nuclear Fuel – Americas, LLC (GNF) submitted Proposed Amendment 43 to NEDE-24011-P-A-23, General Electric Standard Application for Reactor Fuel (GESTAR II) Section 3.4, to the U.S. Nuclear Regulatory Commission (NRC) staff for review. Enclosed for review and comment is a copy of the NRC staff's draft safety evaluation (SE) for the review of Proposed Amendment 43.

We are providing you with the opportunity to comment on any 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 Title 10 of the *Code of Federal Regulations* 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, if any proprietary information is identified, 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.

J. Head

- 2 -

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/

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

Docket No. 99901376

Enclosure:
Draft SE

cc w/o encl: See next page

J. Head

- 3 -

SUBJECT: DRAFT SAFETY EVALUATION FOR AMENDMENT 43 TO GLOBAL NUCLEAR FUEL – AMERICAS TOPICAL REPORT NEDE-24011-P-A-US GENERAL ELECTRIC STANDARD APPLICATION FOR REACTOR FUEL (GESTAR II) SECTION 3.4 FINAL CORE LOADING PATTERN COMPARISON (RELOAD CORES) (EPID L-2016-TOP-0013) DATED JUNE 26, 2015

DISTRIBUTION:

PUBLIC (Cover letter)	NON-PUBLIC (SE)	RidsNrrDlp
RidsNrrDlpPlpb	PLPB R/F	JGolla, NRR
RidsNrrLADHarrison	RidsOgcMailCenter	RidsACRS_MailCTR
RidsNrrDss	RidsNrrDssSnpb	RidsNroOd
RidsResOd	DMorey, NRR	
MPanicker, NRR	SKrepel, NRR	

ADAMS Accession Nos.: ML18176A053 -Cover Ltr.; ML18176A050 -Draft SE, Proprietary; ML18176A054 -Package *concurrence via e-mail NRR-043

OFFICE	NRR/DLP/PLPB/PM	NRR/DLP/PLPB/LA*	NRR/DSS/SNPB/BC (A)	NRR/DLP/PLPB/BC
NAME	JGolla	DHarrison	SKrepel	DMorey
DATE	6/26/2018	6/25/2018	6/26/2018	6/26/2018

OFFICIAL RECORD COPY

GE-Hitachi Nuclear Energy Americas

Docket No. 99901376

cc:

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@gnf.com

Mr. James F. Harrison
GE-Hitachi Nuclear Energy Americas LLC
Vice President - Fuel Licensing
P.O. Box 780, M/C A-55
Wilmington, NC 28401-0780
james.harrison@ge.com

Ms. Patricia L. Campbell
Vice President, Washington Regulatory Affairs
GE-Hitachi Nuclear Energy Americas LLC
1299 Pennsylvania Avenue, NW
9th Floor
Washington, DC 20004
patricia.l.campbell@ge.com