



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

January 16, 2020

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: FINAL SAFETY EVALUATION FOR GLOBAL NUCLEAR FUEL – AMERICAS, LLC (GNF) LICENSING TOPICAL REPORT NEDE-33885P, REVISION 0, "GNF CONTROL ROD DROP ACCIDENT APPLICATION METHODOLOGY" (EPID L-2018-TOP-0006)

Dear Ms. Catts:

By letter M180035 dated February 28, 2018 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML18059A874), Global Nuclear Fuel – Americas, LLC (GNF-A) submitted "Licensing Topical Report (TR) NEDE-33885P, Revision 0, 'GNF Control Rod Drop Accident (CRDA) Application Methodology,'" to the U.S. Nuclear Regulatory Commission (NRC) staff for review.

By letter dated October 16, 2019 (ADAMS Accession No. ML19253C866), an NRC draft safety evaluation (SE) regarding our approval of TR NEDE-33885P, Revision 0, was provided for your review and comment. By letter M190192 dated October 29, 2019 (ADAMS Accession No. ML19302F246), you provided comments on the draft SE. The NRC staff's disposition of the GNF comments on the draft SE are discussed in the attachment of the final SE enclosed with this letter.

The NRC staff has found that TR NEDE-33885P, Revision 0 is acceptable for referencing in licensing applications for nuclear power plants to the extent specified and under the limitations delineated in the TR and in the enclosed final SE. The final SE defines the basis for our acceptance of the TR.

Our acceptance applies only to material provided in the subject TR. We do not intend to repeat our review of the acceptable material described in the TR. When the TR appears as a reference in licensing applications, our review will ensure that the material presented applies to the specific plant involved. License amendment requests that deviate from this TR will be subject to a plant-specific review in accordance with applicable review standards.

NOTICE: The enclosure contains SUNSI information, when the enclosure is separated from this transmittal letter the letter is decontrolled

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In accordance with the guidance provided on the NRC website, we request that GNF publish approved proprietary and non-proprietary versions of TR NEDE-33885P, Revision 0, within three months of receipt of this letter. The approved versions shall incorporate this letter and the enclosed final SE after the title page. For Non Proprietary versions, GNF shall strike the proprietary information markings in this letter and make the appropriate redactions and adjustments to document security classifications to the attached SE. Also, they must contain historical review information, including NRC requests for additional information (RAIs) and your responses. The approved versions shall include a "-A" (designating approved) following the TR identification symbol.

As an alternative to including the RAIs and RAI responses behind the title page, if changes to the TR were provided to the NRC staff to support the resolution of RAI responses, and the NRC staff reviewed and approved those changes as described in the RAI responses, there are two ways that the accepted version can capture the RAIs:

1. The RAIs and RAI responses can be included as an Appendix to the accepted version.
2. The RAIs and RAI responses can be captured in the form of a table (inserted after the final SE) which summarizes the changes as shown in the approved version of the TR. The table should reference the specific RAIs and RAI responses which resulted in any changes as shown in the accepted version of the TR.

If future changes to the NRC's regulatory requirements affect the acceptability of this TR, GNF will be expected to revise the TR appropriately or justify its continued applicability for subsequent referencing. Licensees referencing this TR would be expected to justify its continued applicability or evaluate their plant using the revised TR.

Sincerely,

/RA/

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

Docket No. 99901376

Enclosure: Final SE (Proprietary)

cc w/ encl.: See next page

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ADAMS Accession Nos.:

ML20023A285 (Cover Letter)

ML19345E185 (Final SE - Proprietary) *concurrence via e-mail

OFFICE	NRR/DORL/LLPB/PM	NRR/DORL/LLPB/LA*	NRC/DSS/SNPB/BC	NRR/DORL/LLPB/BC
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cc:

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
Michelle.Catts@ge.com

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