



Global Nuclear Fuel

Proprietary Notice

This letter transmits ~~proprietary information~~ in accordance with 10 CFR 2.390. Upon removal of Enclosure 1, the balance of the letter may be considered non-proprietary.

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September 12, 2018

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555-0001

Subject: Proposed Amendment 47 to NEDE-24011-P-A-27, General Electric Standard Application for Reactor Fuel (GESTAR II) Supporting Implementation of TSTF-564

By Reference 1, the Technical Specifications Task Force submitted TSTF-564 which modifies the definition of the Technical Specification Safety Limit Minimum Critical Power Ratio such that it is no longer cycle-specific. Subsequently, Reference 2 was submitted which modified TSTF-564 in response to NRC Requests for Additional Information. The enclosed changes to GESTAR II Sections 1 and 4 provide the process and methodology elements to implement TSTF-564. These revisions are consistent with process and methodology elements that have been documented via plant license amendment requests in past years. A bases summary discussion for the changes is also included.

GNF requests that the Nuclear Regulatory Commission (NRC) review and approve the enclosed amendment to GESTAR II. GESTAR II is applied to all Boiling Water Reactor (BWR) plants for which GNF provides reload fuel and licensing. It is expected that all BWRs will implement TSTF-564 at the earliest opportunity following approval.

Please note that Enclosure 1 contains proprietary information of the type that GNF-A maintains in confidence and withholds from public disclosure. The affidavit contained in Enclosure 3 identifies that the information contained in Enclosure 1 has been handled and classified as proprietary to GNF-A. GNF-A hereby requests that the information in Enclosure 1 be withheld from public disclosure in accordance with the provisions of 10 CFR 2.390 and 9.17.

Enclosure 2 is a non-proprietary version of Enclosure 1.

If you have any questions about the information provided here, please contact me at (910) 232-2115 or Lisa Schichlein at (910) 819-4815.

Sincerely,



Brian R. Moore, Ph.D
General Manager, Core & Fuel Engineering
Global Nuclear Fuel – Americas, LLC

Project No. 712
Docket No. 99901376

References

1. Letter from Technical Specifications Task Force to NRC Document Control Desk, Subject: Transmittal of TSTF-564, "Safety Limit MCPR", TSTF-17-12, PROJ0753, August 28, 2017.
2. Letter from Technical Specifications Task Force, Subject: TSTF Response to NRC Questions on TSTF-564, "Safety Limit [Minimum Critical Power Ratio] MCPR," TSTF-18-05, PROJ0753, May 29, 2018.

Enclosures

1. Proposed Amendment 47 to GESTAR II Main Sections 1 and 4 with Bases Summary – GNF Proprietary Information – Non-Public
2. Proposed Amendment 47 to GESTAR II Main Sections 1 and 4 with Bases Summary – Non-Proprietary Information
3. Affidavit

cc: J Golla, USNRC
M Catts, GEH/Wilmington
JF Harrison, GEH/Wilmington
LK Schichlein, GEH/Wilmington
PLM Specification 004N9434 R0

Document Components:

- 001 M180100 Cover Letter.pdf
- 002 M180100 Enclosure 1 Proprietary.pdf
- 003 M180100 Enclosure 2 Non-Proprietary.pdf
- 004 M180100 Enclosure 3 Affidavit.pdf