



Global Nuclear Fuel

A Joint Venture of GE, Toshiba, & Hitachi

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U.S. Nuclear Regulatory Commission
Document Control Desk
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Subject: Administrative Amendment 35 to GESTAR II to Implement the Referencing of NEDC-33173 Supplements 2P-A and 3P-A and NEDO-33173 Supplement 4-A

Enclosed is an administrative amendment to GESTAR II which implements the referencing of the following supplements to NEDC-33173:

- NEDC-33173, Supplement 2P-A, Part 1, Revision 1, “Applicability of GE Methods to Expanded Operating Domains – Power Distribution Validation for Cofrentes Cycle 13”
- NEDC-33173, Supplement 2P-A, Part 2, Revision 1, “Applicability of GE Methods to Expanded Operating Domains – Pin-by-Pin Gamma Scan at FitzPatrick October 2006”
- NEDC-33173, Supplement 2P-A, Part 3, Revision 1, “Applicability of GE Methods to Expanded Operating Domains – Power Distribution Validation for Cofrentes Cycle 15”

Although a final Safety Evaluation (SE) has not yet been issued by the NRC Staff for Supplement 2, a draft Safety Evaluation has been issued. Upon receipt of the final SE, the approved versions of NEDC-33173P Supplement 2, Parts 1-3, and NEDC-33173P-A will be created and submitted.

This administrative amendment to GESTAR II also implements the referencing of the following supplement to NEDC-33173:

- NEDC-33173, Supplement 3P-A, “Applicability of GE Methods to Expanded Operating Domains - Supplement for GNF2 Fuel”

This administrative amendment to GESTAR II also implements the referencing of the following supplement to NEDO-33173:

- NEDO-33173 Supplement 4-A, “Implementation of PRIME Models and Data in Downstream Methods”

The actual implementation of the PRIME models and data in downstream methods will occur following the NRC audit on the execution of the implementation plan. The NRC audit report will be incorporated into GESTAR II as a complementary reference to NEDO-33173 Supplement 4-A.

Section 2 in GESTAR II Main and Sections S.5 and S.6 in the US Supplement to GESTAR II are affected by this amendment. All changes are shown in revision mode to ease the review.

If you have any questions about the information provided here, please contact me at (910) 819-5954 or Jim Harrison at (910) 819-6604.

Sincerely,



Andrew A. Lingenfelter
Vice President, Fuel Engineering
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Project No. 712

Enclosure

1. Markup of GESTAR II Main and US Supplement – Non-Proprietary Information – Class I (Public)

cc: SS Philpott, USNRC
PL Campbell, GEH/Washington
JG Head, GEH/Wilmington
JF Harrison, GEH/Wilmington
eDRF Section 0000-0137-6356 R0

Document Components:

001 MFN 11-213 Cover Letter.pdf

002 MFN 11-213 Enclosure 1 Non-Proprietary.pdf