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MFN 12-112 Sup 1

November 9, 2012

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

Subject: Supplement to Administrative Amendment 36 to GESTAR II to Update the NEDO-33173 Supplement 4-A and NEDC-33173P-A References

This is a supplement to GESTAR II Administrative Amendment 36 to update references to Licensing Topical Reports (LTR): *Implementation of PRIME Models and Data in Downstream Methods*, NEDO-33173 Supplement 4-A (Reference 1), and *Applicability of GE Methods to Expanded Operating Domains*, NEDC-33173P-A (Reference 2).


Implementation of PRIME Models and Data in Downstream Methods, NEDO-33173 Supplement 4-A, Revision 1 (Reference 1) was revised to incorporate the NRC letter documenting the staff audit of the PRIME implementation in downstream analysis codes. The NRC staff determined that the PRIME models had been correctly implemented in accordance with the approved process described in NEDO-33173 Supplement 4. Because *Applicability of GE Methods to Expanded Operating Domains*, NEDC-33173P-A, includes the Safety Evaluation (SE) for each of the approved supplements, the same NRC letter was incorporated into the NEDC-33173P-A (Reference 2).

Section 2.4 in GESTAR II Main and Sections S.5.2 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.

It is requested that the NRC review and approve this proposed supplement to Administrative Amendment 36 concurrent with the approval and issuance of the final Safety Evaluation (SE) for Administrative Amendment 36.

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
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Project No. 712

References:

1. Letter from JF Harrison (GEH) to Document Control Desk (US NRC), Subject: "Implementation of PRIME Models and Data in Downstream Methods, NEDO-33173, Supplement 4-A, Revision 1, November 2012," MFN 12-117, November 2, 2012.
2. Letter from JF Harrison (GEH) to Document Control Desk (US NRC), Subject: "Incorporation of Supplement 4 PRIME Implementation Audit Approval into NEDC-33173P-A, Revision 4," MFN 12-124, November 7, 2012

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 0000-0153-2509 R2

Document Components:

001 MFN 12-112 Sup 1 Cover Letter.pdf

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