

August 7, 2013

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: FINAL SAFETY EVALUATION FOR GE HITACHI NUCLEAR ENERGY
AMERICAS TOPICAL REPORT NEDE-33147P, REVISION 3 “DSS-CD TRACG
APPLICATION” (TAC NO. ME5406)

Dear Mr. Head:

By letter dated January 27, 2011 (Agencywide Documents and Access Management System Accession No. ML110270072), GE-Hitachi Nuclear Energy Americas (GEH) submitted Topical Report (TR) NEDE-33147P, Revision 3, “DSS-CD [Detect and Suppress Solution – Confirmation Density] TRACG Application” to the U.S. Nuclear Regulatory Commission (NRC) staff. By letter dated April 15, 2013, an NRC draft safety evaluation (SE) regarding our approval of NEDE-33147P, Revision 3, was provided for your review and comment. By letter dated May 15, 2013, GEH commented on the draft SE. The NRC staff’s disposition of GEH’s comments on the draft SE are discussed in the attachment to the final SE enclosed with this letter.

The enclosed final SE is available for use in future licensing actions, but the current version of NEDE-33147P, Revision 3, is not yet approved for referencing. We request that GEH publish new proprietary and non-proprietary versions of this TR for final NRC approval within three months of receipt of this letter. The approval version of this TR should include after the title page: this letter; the enclosed final SE; and historical review information such as NRC requests for additional information, and your responses. The approval version of the TR should also be marked with a “-A” (designating “approval version”) following the TR identification symbol.

Upon receipt of the “-A” version of this TR, we will perform a final review of the document for historical review consistency and agreement with the enclosed final SE. Pending a successful outcome, we will then send a letter authorizing NEDE-33147P, Revision 3, for use in future licensing actions.

Notice: Document transmitted herewith contains sensitive unclassified information. When separated from Enclosure 1, this document is decontrolled

J. Head

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Sincerely,

/RA/

Sher Bahadur, Deputy Director
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

Project No. 710

Enclosures:

1. Proprietary Final SE
2. Non-Proprietary Final SE

cc w/encl 2 only: See next page

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J. Head

- 2 -

Sincerely,

/RA/

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Division of Policy and Rulemaking
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cc:

Project No. 710

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