

October 27, 2011

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: REQUEST TO SUPPORT CONFIRMATORY CALCULATIONS REGARDING
GE-HITACHI NUCLEAR ENERGY AMERICAS TOPICAL REPORT
NEDE-33005P, "TRACG APPLICATION FOR EMERGENCY CORE COOLING
SYSTEMS / LOSS-OF-COOLANT-ACCIDENT ANALYSES FOR BWR/2-6"
(TAC NO. ME5405)

Dear Mr. Head:

By letter dated January 27, 2011 (Agencywide Documents Access and Management System Accession No. ML110280323), GE-Hitachi Nuclear Energy Americas (GEH) submitted for U.S. Nuclear Regulatory Commission (NRC) staff review topical report (TR) NEDE-33005P, "TRACG Application for Emergency Core Cooling Systems / Loss-of-Coolant-Accident Analyses for BWR/2-6." This TR is currently under review by the NRC staff.

In the process of conducting its review, the NRC staff determined that confirmatory calculations using GEH's TRACG code are necessary to complete its evaluation of NEDE-33005P. Therefore, the NRC staff requests that GEH furnish the executable file for the TRACG code, along with input decks for the BWR/2, BWR/4, and BWR/6 cases examined in the demonstration analysis section of NEDE-33005P. In order to increase the efficiency of its confirmatory code runs, the NRC staff also requests that GEH provide companion programs to the code executable, including interfaces used to automate multiple simulations with statistical variations, and post-processing tools. The NRC staff further requests that GEH provide a current version of the TRACG code user's manual and, to the extent necessary, software installation instructions.

The NRC staff will use the requested code executable and the associated software packages and documentation specified above solely for the purpose of reviewing TR NEDE-33005P. At the conclusion of the NRC staff's review of NEDE-33005P, the materials furnished by GEH in conjunction with this request will either be destroyed or returned to GEH, as appropriate.

The NRC staff understands that the TRACG code is considered proprietary by GEH, and that companion software and documentation may be similarly designated. All proprietary information provided to the staff will be handled appropriately in conformance with the NRC's regulations and procedures for withholding proprietary information.

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If you have any questions regarding this request, please contact me at 301-415-2365 or Stephen.Philpott@nrc.gov.

Sincerely,

/RA/

Stephen S. Philpott, Project Manager
Licensing Processes Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

Project No. 710

cc: See next page

If you have any questions regarding this request, please contact me at 301-415-2365 or Stephen.Philpott@nrc.gov.

Sincerely,

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GE-Hitachi Nuclear Energy Americas

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