April 6, 2000

Mr. James F. Klapproth, Manager
Engineering & Technology
GE Nuclear Energy
175 Curtner Ave
San Jose, CA 95125

SUBJECT: ACCEPTANCE REVIEW OF GENERAL ELECTRIC NEDE-32906P, "TRACG APPLICATION FOR ANTICIPATED OPERATIONAL OCCURRENCES TRANSIENT ANALYSES" (TAC NO. MA7779)

Dear Mr. Klapproth:

General Electric (GE) Nuclear Energy has requested that the NRC staff review and approve the use of the TRACG code for application to the boiling water reactor (BWR) anticipated operational occurrence transients. The primary document describing the TRACG code is Licensing Topical Report NEDE-32176P, Revision 2, "TRACG Model Description," dated December 1999.

The TRACG based thermal-hydraulic analysis code contained in Licensing Topical Report NEDE-32906P, "TRACG Application for Anticipated Operational Occurrences (AOO) Transient Analysis," Revision 1, dated January 2000 and submitted by GE Nuclear Energy, has been reviewed to determine the acceptability of the code documentation for NRC review. The scope and detail of the code documentation pertaining to the thermal-hydraulic modeling, reactor kinetics modeling, code numerics, and code assessment have been reviewed and found sufficient for the staff to initiate its technical review of application of the code to the analysis of the BWR anticipated operational occurrence transients.

A meeting with the Advisory Committee on Reactor Safeguards Thermal-Hydraulics and Severe Accident Phenomena Subcommittee was held on March 15, 2000. At that time an overview of the TRACG code was presented. We anticipate providing requests for additional information (RAI) regarding the technical adequacy of the submittal by mid July 2000. We propose to meet with you when these questions are developed for the RAI.

If there are any questions please contact Robert M. Pulsifer at (315) 415-3016.

Sincerely,

/RA/

Stuart A. Richards, Director
Project Directorate IV and Decommissioning
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Project No. 691

cc w/encl: See next page

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