

June 6, 2000

Mr. James F. Klapproth, Manager
Engineering & Technology
GE Nuclear Energy
175 Curtner Ave, MC 706
San Jose, CA 95125

SUBJECT: GENERAL ELECTRIC (GE) TOPICAL REPORT NEDE-24856,
"MARK I CONTAINMENT SUPPRESSION POOL TEMPERATURE"

Dear Mr. Klapproth:

Based on our review of GE Topical Report NEDO-30832, "Elimination of Limit on BWR Suppression Pool Temperature for SRV Discharge with Quenchers," December 1984, the staff has approved elimination of local containment suppression pool temperature limits on a generic basis. The approval was based on the assumption that the emergency core cooling system (ECCS) pump inlets are located below the elevation of the quencher. It has come to our attention that some plants may have removed the local pool temperature limit even though their ECCS suction inlets are located above the quencher elevation. A BWR Owners Group Ad Hoc meeting, organized by Mr. T. A. Green of your organization, was held on March 8 and 9, 2000, to address this local suppression pool temperature limit concern.

The staff is investigating thermal stratification in suppression pools and how thermal stratification is being addressed by the BWR owners of the plants where the pump inlets are located above the quencher. Therefore, we are requesting that GE provide us with two copies of your report NEDE-24856, "Mark I Containment Suppression Pool Temperature," at your earliest convenience so that the staff can understand how the potential thermal stratification problem is being considered by the industry.

We understand that the requested topical report is a proprietary document and the staff will treat it appropriately.

Please contact me at (301) 415-3016 if you have any questions regarding this matter.

Sincerely,

/RAI/

Robert A. Pulsifer, Section 2
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Project No. 710

cc: See next page

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DOCUMENT NAME: C:\GE Topical.wpd

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GE Nuclear Energy

Project No. 710

cc:

Mr. George B. Stramback
Regulatory Services Project Manager
GE Nuclear Energy
175 Curtner Avenue
San Jose, CA 95125

Mr. Charles M. Vaughan, Manager
Facility Licensing
GE Nuclear Energy
P.O. Box 780
Wilmington, NC 28402

Mr. Glen A. Watford, Manager
Nuclear Fuel Engineering
GE Nuclear Energy
P.O. Box 780
Wilmington, NC 28402