

December 20, 1999

Mr. William T. Cottle
President and Chief Executive Officer
STP Nuclear Operating Company
South Texas Project Electric
Generating Station
P. O. Box 289
Wadsworth, TX 77483

SUBJECT: SOUTH TEXAS PROJECT, UNITS 1 AND 2 - REQUEST FOR ADDITIONAL
INFORMATION, GENERIC LETTER 96-06 (TAC NOS. M96868 AND M96869)

Dear Mr. Cottle:

On September 30, 1996, the Nuclear Regulatory Commission (NRC) issued Generic Letter (GL) 96-06, "Assurance of Equipment Operability and Containment Integrity During Design-Basis Accident Conditions," to request that licensees address the issues of water hammer and two-phase flow conditions of cooling water systems that serve containment air coolers, and the issue of thermally-induced pressurization of piping runs penetrating containment. This letter concerns the issues of water hammer and two-phase flow.

In order for the NRC staff to complete its review of the water-hammer and two-phase flow issues, the staff needs additional information to complete its safety evaluation. Enclosed is a request for additional information (RAI). This RAI was discussed with Mr. Phillip Walker of your staff on December 8, 1999, and a mutually agreeable response to the RAI of within 60 days from the date of this letter was established. The staff appreciates the efforts expended with respect to this matter. If circumstances result in the need to revise the target date, please call me at your earliest opportunity.

Sincerely,
ORIGINAL SIGNED BY
Thomas W. Alexion, Project Manager, Section 1
Project Directorate IV & Decommissioning
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-498 and 50-499

Enclosure: As stated

cc w/encl: See next page

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South Texas, Units 1 & 2

cc:

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Request for Additional Information

Response to Generic Letter 96-06

South Texas Project, Units 1 and 2

In the licensee's response dated November 18, 1998, on page 17 of the attachment, in response to Question 5a under the heading titled "RCFC [Reactor Containment Fan Cooler] Coolant Heat-up Responses," it states that "the code validation and the guidance provided in the South Texas Project-developed GOTHIC 5.0e User Guide are based on information contained in EPRI [Electric Power Research Institute] Interim Report 'Containment Air Cooler Heat Transfer During Loss of Coolant Accident With Loss of Offsite Power Conditions'." The NRC library does not have this EPRI report. Please provide this report.

Enclosure