

August 28, 1990

Docket Nos. 50-272
and 50-311

Mr. Steven E. Miltenberger
Vice President and Chief Nuclear
Officer
Public Service Electric & Gas Company
Post Office Box 236
Hancocks Bridge, New Jersey 08038

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Dear Mr. Miltenberger:

SUBJECT: NRC BULLETIN NO. 88-11, "PRESSURIZER SURGE LINE THERMAL STRATIFICATION" - EVALUATION OF WESTINGHOUSE OWNERS GROUP BOUNDING ANALYSIS, SALEM GENERATING STATION, UNITS 1 AND 2 (TAC NOS. 72161 AND 72162)

By letter dated May 31, 1989, Public Service Electric and Gas Co. responded to Item 1.b of NRC Bulletin No. 88-11, "Pressurizer Surge Line Thermal Stratification." The letter stated that a bounding analysis performed by the Westinghouse Owners Group (WOG) for Salem 1 and 2 is applicable and indicated that the pressurizer surge line (PSL) may not satisfy the ASME Section III Code criteria for the life of the plant, taking into account the effects of thermal stratification. The analysis did, however, state that the integrity of the PSL was adequate to justify continued operation of the facility for several years.

The staff has completed its review of the WOG bounding analysis and concludes that there are no short-term safety concerns associated with the thermal stratification effects for a duration of 10 additional heatup/cool-down cycles of continued plant operation. A copy of the evaluation which was sent to the WOG is enclosed for your information.

The staff will assess the conformance of the PSL to applicable Codes and regulatory requirements for 40-year plant life when the WOG report regarding Item 1.d of the Bulletin is submitted.

Sincerely,

/s/

James C. Stone, Project Manager
Project Directorate I-2
Division of Reactor Project - I/II
Office of Nuclear Reactor Regulation

Enclosure:
NRR Review of WOG
Bounding Evaluation

cc w/enclosure:
See next page

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