PSE&G

Public Service Electric and Gas Company P.O. Box 236 Hancocks Bridge, New Jersey 08038

Nuclear Department

June 21, 1984

U. S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulation
Division of Licensing
Washington, D. C. 20555

Attention: Mr. Steven A. Varga, Chief
Operating Reactors Branch, No. 1

Dear Mr. Varga:

SUPPLEMENTAL REQUEST FOR RELIEF
SECTION XI ASME CODE
SALEM GENERATING STATION
UNITS NO. 1 AND 2
DOCKETS NOS. 50-272 AND 50-311

Pursuant to your letter of April 12, 1983, and in accordance with the requirements of 10CFR 50.55a(g), PSE&G hereby submits the following requests for relief from the ASME Boiler and Pressure Vessel Code, Section XI, 1974 Edition through Summer 1975 Addenda. These requests pertain to the Ten-Year System Leakage and Hydrostatic In-Service Inspection Programs for Class 1, 2, and 3 components.

PSE&G requests relief from Articles IWB 5222 and IWC 5200, which require system leakage and hydrostatic pressure test temperatures be "not less than 100°F."

PSE&G proposes to meet the following alternative requirements:

> Test temperature of systems containing ferritic steel components shall meet the requirements specified by fracture prevention criteria. If fracture toughness criteria were neither specified nor required in the construction of the components, the owner will determine the test temperature. No limit on system test temperature is required for systems or portions of systems constructed entirely of austenitic steel.

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PSE&G also requests relief from Article IWA 5200, which does not include pneumatic testing as an acceptable method of pressure testing.

PSE&G proposes to meet the following alternative requirements:

> Pneumatic testing may be used in place of hydrostatic when the system is not compatible with a liquid test medium or the system is normally charged with a gas, provided code-required pressures and temperatures are met.

These relief requests are consistent with the safety standards required by the NRC, and the alternative requirements cited have been incorporated into the 1980 Edition of the ASME Code.

Should you have any questions, please contact us.

Sincerely,

E. A. Liden
Manager - Nuclear
Licensing and Regulation

C Mr. Donald C. Fischer
Licensing Project Manager

Mr. James Linville
Senior Resident Inspector