June 8, 2000

Mr. Harold W. Keiser
Chief Nuclear Officer & President -
Nuclear Business Unit
Public Service Electric & Gas
Company
Post Office Box 236
Hancocks Bridge, NJ 08038

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION RE: LICENSE AMENDMENT TO CHANGE AUXILIARY FEEDWATER SYSTEM TECHNICAL SPECIFICATIONS, SALEM NUCLEAR GENERATING STATION, UNIT NOS. 1 AND 2 (TAC NOS. MA8290 AND MA8291)

Dear Mr. Keiser:

By letter dated February 7, 2000, Public Service Electric and Gas Company (PSE&G) requested an amendment to Facility Operating Licenses DPR-70 and DPR-75, for the Salem Nuclear Generating Station, Unit Nos. 1 and 2 (Salem). The amendment proposes a change to Technical Specifications Section 3.7.1.2, "Plant Systems - Auxiliary Feedwater [AFWS] Pumps." Specifically, PSE&G proposed changes to surveillance requirement (SR) 4.7.1.2.b, and the associated Bases section, to correspond to the wording of the improved Standard Technical Specifications Westinghouse Plants, NUREG-1431.

Enclosed is a request for additional information regarding the AFWS pumps license amendment application. Based upon discussions with members of your staff, it is requested that your response be provided within 45 days from receipt of this letter. If you have any questions regarding this matter, I may be reached at 301-415-1324.

Sincerely,

/RA/

Robert J. Fretz, Project Manager, Section 2
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-272 and 50-311

Enclosure: Request for Additional Information

cc w/encl: See next page

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REQUEST FOR ADDITIONAL INFORMATION

CHANGES OF T.S 3.7.1.2 REGARDING SURVEILLANCE REQUIREMENT

FOR AUXILIARY FEEDWATER PUMPS

SALEM UNIT 1 & 2

1. In Attachment 1 of your submittal dated February 7, 2000, it is indicated that you have re-calculated an acceptable level of auxiliary feedwater (AFW) pump degradation utilizing actual pump flow measurements. The re-analysis indicated that the measured pump degradation with respect to the design pump curve is well within the acceptable limits dictated by the design basis calculations. However, it is inconsistent with the current technical specification (TS) surveillance requirement values. The proposed changes incorporate the language of the standard technical specifications (STS) into the Salem TS, and will control the minimum acceptance criteria in a design document such as a design calculation. Please discuss the following:

   a) Provide the results of the re-analysis to confirm that the calculated AFW pump flow in the new design calculation is sufficient to support all design bases events analyzed in Chapter 15 of the Final Safety Analysis Report (FSAR). Describe the minimum required AFW flow assumed in the FSAR analyses.

   b) If the assumed AFW flow in your current safety analyses remains unchanged, please discuss how the proposed lower minimum AFW flow, to be verified by future surveillance testing, still provides sufficient safety margin to support the safety analyses.

   c) The proposed TS surveillance or accompanying Bases does not specify the minimum AFW flow acceptance criteria or provide a similar reference to the FSAR, as does the improved STS referenced in your submittal. Therefore, please describe how you will assure that the minimum flow acceptance criteria, provided in a design document such as a design calculation, will continue to be appropriate through an approved regulatory controls process (e.g., Title 10 of the *Code of Federal Regulations*, Section 50.59).

ENCLOSURE