

Frederick W. Schneider  
Vice President  
Production

Public Service Electric and Gas Company 80 Park Place Newark, N.J. 07101 201/622-7000

December 27, 1977

50-272

Mr. Boyce H. Grier, Director  
U. S. Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Region 1  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Dear Mr. Grier:

NRC IE BULLETIN NO. 77-04  
NO. 1 AND 2 UNITS  
SALEM NUCLEAR GENERATING STATION

In response to your letter of November 4, 1977 transmitting NRC IE Bulletin No. 77-04 which was received on November 14, 1977, we have investigated this matter with respect to applicability to Salem No. 1 and 2 Units. The following summarizes the results of our investigation.

The Salem design uses sodium hydroxide in the containment spray system to achieve the proper pH to ensure that corrosion effects on components are minimized. We have reviewed the system design and determined that with the minimum amount of 30% sodium hydroxide solution allowed by the Technical Specification (2000 gallons) in the containment spray system, a minimum pH of 8.0 would be maintained if the boron concentration in the RWST reached 3500 ppm. Since under normal conditions we maintain 4000 gallons in the spray additive tank and about 2100 ppm boron in the RWST, we do not plan to develop administrative controls to maintain a minimum pH level.

If you require additional information, we will be pleased to discuss it with you.

Very truly yours,



CC: U. S. Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Division of Reactor Operations Inspection  
Washington, D. C. 20555

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