



PSEG

Public Service Electric and Gas Company 80 Park Plaza Newark, N.J. 07101 Phone 201/430-7000

June 30, 1981

Mr. Boyce H. Grier
Director of USNRC
Office of Inspection and Enforcement
Region 1
631 Park Avenue
King of Prussia, Pennsylvania 19406

Dear Mr. Grier:

LICENSE NO. DPR-75
DOCKET NO. 50-311
REPORTABLE OCCURRENCE 81-32/03L

Pursuant to the requirements of Salem Generating Station Unit No. 2 Technical Specifications, Section 6.9.1.9.b, we are submitting Licensee Event Report for Reportable Occurrence 81-32/03L. This report is required within thirty (30) days of the occurrence.

Sincerely yours,



R. A. Uderitz
R. A. Uderitz
General Manager -
Nuclear Production

CC: Director, Office of Inspection
and Enforcement (30 copies)
Director, Office of Management
Information and Program Control
(3 copies)

*IE 522
5/11*

8107130243 810630
PDR ADOCK 05000311
S PDR

The Energy People

Report Number: 81-32/03L
Report Date: June 30, 1981
Occurrence Date: 6-3-81
Facility: Salem Generating Station, Unit 2
Public Service Electric & Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Boron Injection Tank - Out of Specification

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 - Rx Power 20% - Unit Load 110 MWe

DESCRIPTION OF OCCURRENCE:

At 0440 hours, on June 3, 1981, a high level in No. 22 Steam Generator caused a Turbine Trip and a Reactor Trip. The steam dump opened causing a high steamline flow, coincident with a low Tavg. This initiated a safety injection, which caused the Boron Injection Tank concentration to decrease to less than 20,000 ppm of boron. Action Statement 3.5.4.1 was entered.

This constituted operation in a degraded mode IAW Technical Specification 6.9.1.9.b.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

The safety injection diluted the Boron Injection Tank to less than 20,000 ppm of boron.

ANALYSIS OF OCCURRENCE:

Technical Specification 3.5.4.1 requires that with the Boron Injection Tank inoperable, restore the tank to operable status within one hour or be in hot standby and borated to shutdown margin equivalent to 1% $\Delta k/k$ at 200°F within the next 6 hours; restore the tank to operable status within the next 7 days or be in hot shutdown within the next 12 hours.

CORRECTIVE ACTION:

The Boron Injection Tank was borated to between 20,000 and 22,500 ppm boron from the Boric Acid Storage Tank.

Action Statement 3.5.4.1 was terminated at 2229 hours, on June 3, 1981.

FAILURE DATA:

Not Applicable

Prepared By J. J. Espey

SORC Meeting No. 81-56

H. J. Williams
Manager - Salem Generating Station