



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

January 18, 1979

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-70
DOCKET NO. 50-272
REPORTABLE OCCURRENCE 79-04/03L

REGULATORY DOCKET FILE COPY

Pursuant to the requirements of Salem Generating Station Unit No. 1 Technical Specifications, Section 6.9.1, we are submitting Licensee Event Report for Reportable Occurrence 79-04/03L. This report is required within thirty (30) days of the occurrence.

Sincerely yours,

F. P. Librizzi
General Manager -
Electric Production

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

Report Number: 79-04/03L
Report Date: 01/18/79
Occurrence Date: 1/3/79
Facility: Salem Generating Station
Public Service Electric & Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

No. 14 Steam Generator Steam Pressure Channel IV Inoperable

CONDITIONS PRIOR TO OCCURRENCE:

Operational Mode 1, Reactor Power 99%

DESCRIPTION OF OCCURRENCE:

At 0845 hours, a steam line differential pressure alarm on the status panel showed Loop 1 steam pressure lower than Loop 4. A check of steam line pressure channels showed normal readings for all channels except Loop 4 Channel IV which read greater than 100 psi above normal pressure. The channel was declared inoperable and action statement No. 14 for Technical Specification 3.3.2.1 was implemented. At 1020 hours, the channel was returned to service and the action statement was terminated.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

The cause of this occurrence was a frozen sensing line to No. 14 Steam Generator Steam Pressure Transmitter. An open outside ventilation damper located above the transmitter cabinet directed cold air onto the sensing line. Space heaters for this area were not energized.

ANALYSIS OF OCCURRENCE:

Technical Specification 3.3.2.1 Action 14 requires that with the number of operable channels one less than the total number of channels, operation may proceed until the performance of the next required channel functional test, provided the inoperable channel is placed in the tripped condition within 1 hour. The channel was placed in the tripped condition upon implementation of the action statement and was returned to service within 1 hour and 35 minutes.

CORRECTIVE ACTION:


The outside ventilation damper was shut and the area space heaters were energized. The sensing line was blown down and the channel returned to service. Operational comparison checks with other

channels in the pressure loop verified operability. Design change request LSC-0107 has been initiated to redirect the outside ventilation flow away from the instrument sensing lines.

FAILURE DATA:

Prepared by A. W. Kapple

SORC Meeting No. 2-79



Manager - Salem Generating Station