



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

August 13, 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 81-63/03L

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 81-63/03L. This report is required within thirty (30) days of the occurrence.

Sincerely yours,


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)

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The Energy People

Report Number: 81-63/03L
Report Date: August 13, 1981
Occurrence Date: 7-14-81
Facility: Salem Generating Station, Unit 2
Public Service Electric & Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Reactor Trip System Instrumentation
No. 22 Steam Generator Feed Flow Channel 2 and No. 24. Steam Generator
Steam Flow Channel 2 - Inoperable. This report was initiated by
Incident Report 81-252.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 - Rx Power 30% - Unit Load 220 MWe

DESCRIPTION OF OCCURRENCE:

At 1030 hours, July 14, 1981, during routine channel checks, No. 22 steam generator feed flow channel 2 and No. 24 steam generator steam flow channel 2 were declared inoperable due to erratic operation. Action No. 7, for technical specification LCO 3.3.1, table 3.3-1 was entered and the inoperable protection channels were placed in the tripped condition within the required 1 hour.

This occurrence constituted operation in a degraded mode in accordance with technical specification 6.9.1.9.b.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

Equipment failure. The erratic operation of the channels was due to transmitter sensing line leaks at 2 instrument tubing fittings.

ANALYSIS OF OCCURRENCE:

Technical specification 3.3.1 action 7 requires with:

The number of operable channels one less than the total number of channels, startup and/or power operation may proceed until performance of the next required channel functional test provided the inoperable channel is placed in the tripped condition within 1 hour.

CORRECTIVE ACTION:

On July 14, 1981, the instrument tubing fittings were tightened and the leakage stopped on both protection channels. The channels were returned to service and performed properly. Action No. 7, for technical specification LCO 3.3.1, table 3.3-1, was terminated at 1900 hours.

FAILURE DATA:

Not Applicable

Prepared By F. Dickey

H. J. Williams
Manager - Salem Generating Station

SORC Meeting No. 81-74