



Public Service Electric and Gas Company P.O. Box 168 Hancocks Bridge, New Jersey 08038

Salem Generating Station

August 24, 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
POCKET NO. 50-311
REPORTABLE OCCURRENCE 81-77/03L

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 81-77/03L. This report is required within thirty (30) days of the occurrence.

Sincerely yours,

H. J. Midura
Manager -
Salem Generating Station

CC: R. A. Uderitz
General Manager - Nuclear Production
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: 81-77/03L
Report Date: 8-24-81
Occurrence Date: 7-29-81
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 Reactor Coolant Flow Channel 2 - Inoperable
This report was initiated by Incident Report 81-295.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 - Rx Power 65% - Unit Load 640 MWe

DESCRIPTION OF OCCURRENCE:

On July 29, 1981, during routine channel checks the operator noticed that No. 22 reactor coolant flow channel 2 was reading higher than the other two channels. The channel was declared inoperable and the channel bistable was placed in the tripped condition within one hour. Limiting condition for operation (L.C.O.) 3.3.1, table 3.3-1, action 7 was entered at 1833 hours on July 29, 1981.

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 - flow transmitter 2FT-425 had failed.

ANALYSIS OF OCCURRENCE:

L.C.O. 3.3.1, table 3.3-1, action 7 states:

With the number of operable channels one less than the total number of channels, 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:

Flow transmitter 2FT-425 was replaced, the channel was tested satisfactorily and the channel was declared operable. L.C.O. 3.3.1, table 3.3-1, action 7 was terminated at 1815 hours on July 30, 1981.

FAILURE DATA:

Fisher and Porter Transmitter
Model No. 10B2496PBNS

Prepared By J. Varga

SORC Meeting No. 81-81

H. J. Fildner
Manager - Salem Generating Station