



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
DOCKET NO. 50-311
REPORTABLE OCCURRENCE 81-76/03L



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 81-76/03L. 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)

IE22
5/1

8109030229 810824
PDR ADOCK 05000311
S PDR

052189 (12 5M) 11-80

Report Number: 81-76/03L
Report Date: 8-24-81
Occurrence Date: 7-27-81
Facility: Salem Generating Station, Unit 2
Public Service Electric & Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Reactor Trip System Instrumentation
No. 24 Reactor Coolant Flow Channel 2 - Inoperable.
This report was initiated by Incident Report 81-291.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 - Rx Power 48% - Unit Load 440 MWe

DESCRIPTION OF OCCURRENCE:

On July 27, 1981, during routine channel checks the operator noticed that No. 24 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 1000 hours on July 27, 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 - transmitter 2FT-445 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:

Transmitter 2FT-445 was replaced, the channel was tested satisfactorily and returned to service. L.C.O. 3.3.1, table 3.3-1, action 7 was terminated at 1841 hours on July 29, 1981.

FAILURE DATA:

Fisher and Porter Transmitter
Model No. 10B2496PBNS

Prepared By J. Varga

SORC Meeting No. 81-81

N. J. [Signature]
Manager - Salem Generating Station