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

Salem Generating Station

October 2, 1981

Mr. R. C. Haynes
Director of USNRC
Office of Inspection and Enforcement
Region 1
631 Park Avenue
King of Prussia, Pennsylvania 19406



Dear Mr. Haynes:

LICENSE NO. DPR-75
DOCKET NO. 50-311
REPORTABLE OCCURRENCE 81-100/03L

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 81-100/03L. This report is required within thirty (30) days of the occurrence.

Sincerely yours,

H. J. Midura
General Manager -
Salem Operations

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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Report Number: 81-100/03L

Report Date: 10-2-81

Occurrence Date: 9-6-81

Facility: Salem Generating Station, Unit 2
Public Service Electric & Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

No. 22 Reactor Coolant Loop Flow Channel 2 - Inoperable.
This report was initiated by incident report 81-366.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 - Rx Power 69% - Unit Load 730 MWe

DESCRIPTION OF OCCURRENCE:

On September 6, 1981 the control room operator noticed a low reading on No. 22 Reactor Coolant Loop Flow Channel 2. The channel was declared inoperable at 0423 hours and action statement 3.3.1 action 7 was entered.

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

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

The cause of the low flow indication was failure of the flow transmitter.

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:

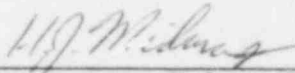
The channel was placed in the tripped condition within 1 hour. The flow transmitter was replaced and calibrated satisfactorily. The No. 22 Reactor Coolant Loop Flow Channel 2 was tested satisfactorily and declared operable. At 1300 hours, September 11, 1981 action statement 3.3.1 action 7 was terminated.

FAILURE DATA:

Fischer and Porter Co.
Differential Pressure Flow Transmitter
Model 10B2496

Prepared By F. Dickey

SORC Meeting No. 81-100


Manager - Salem Generating Station