



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

December 18, 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-70  
DOCKET NO. 50-272  
REPORTABLE OCCURRENCE 81-115/03L

Pursuant to the requirements of Salem Generating Station Unit No. 1, Technical Specifications, Section 6.9.1.9.b, we are submitting Licensee Event Report for Reportable Occurrence 81-115/03L. This report is required within thirty (30) days of the occurrence.

Sincerely yours,

H. J. Midura  
General Manager -  
Salem Operations

CC: Distribution

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PDR ADOCK 05000272  
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The Energy People

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95 2189 (SM) 10-79

Report Number: 81-115/03L

Report Date: 12-18-81

Occurrence Date: 11-20-81

Facility: Salem Generating Station, Unit 1  
Public Service Electric & Gas Company  
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

No. 13 Steam Generator Steam Flow Channel 2 - inoperable.

This report was initiated by Incident Report 81-474.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 - Rx Power 75% - Unit Load 790 MWe

DESCRIPTION OF OCCURRENCE:

On November 20, 1981, during normal power operations, the control operator received the FEED FLOW > STEAM FLOW alarm and noticed No. 13 steam generator level dropping. The feed regulator valves were placed in the manual control mode, and No. 13 steam generator level was manually adjusted. No. 13 Steam Generator Steam Flow Channel 2 had failed low, and was defeated from the control circuitry. No. 13 Steam Generator Steam Flow Channel 1 was selected, and level control was returned to automatic. At 0240 hours No. 13 Steam Generator Steam Flow Channel 2 was declared inoperable and Action Statements 3.3.1.1 Action 7 and 3.3.2.1 Action 14 were 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 failure of the No. 13 Steam Generator Steam Flow Channel 2 was due to transmitter failure.

ANALYSIS OF OCCURRENCE:

Technical Specification 3.3.1.1 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 one hour.

Technical Specification 3.3.2.1 Action 14 requires:

With the number of operable channels one less than the total number of channels, operation may proceed until performance of the next required channel functional test, provided the inoperable channel is placed in the tripped condition within one hour.

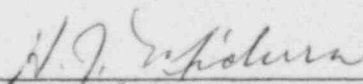
CORRECTIVE ACTION:

The associated bistables were placed in the tripped condition within one hour. No. 13 Steam Generator Steam Flow Channel 2 transmitter was replaced, recalibrated, and tested satisfactorily. At 1300 hours, November 20, 1981 Channel 2 was declared operable and Action Statements 3.3.1.1 Action 7 and 3.3.2.1 Action 14 were terminated.

FAILURE DATA:

Rosemount, Inc.  
Differential Pressure Transmitter  
Model 1153HD5

Prepared By F. Dickey

  
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General Manager -  
Salem Operations

SORC Meeting No. 81-129