



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

LEA

July 22, 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 81-47/03L

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 81-47/03L. This report is required within thirty (30) days of the occurrence.

Sincerely yours,

*R. A. Uderitz*

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: 81-47/03L  
Report Date: July 22, 1981  
Occurrence Date: 6-23-81  
Facility: Salem Generating Station, Unit 2  
Public Service Electric & Gas Company  
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Individual Rod Position Indication - 1SB2 - Inoperable.  
This report was initiated by Incident Report 81-205.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 3 - Rx Power 0% - Unit Load 0 MWe

DESCRIPTION OF OCCURRENCE:

During startup on June 23, 1981, the control operator noticed that the individual rod position indicator for rod 1SB2 was in disagreement with the shutdown rod bank demand indicator by greater than + 12 steps. The individual rod position indicator was declared Inoperable at 0624 hours and action statement 3.1.3.2.2 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:

Equipment failure. The individual rod position indicator for shutdown rod 1SB2 was not in agreement with the shutdown rod bank demand indicator due to failure of the amplifier board in the indicator.

ANALYSIS OF OCCURRENCE:

Technical specification 3.1.3.2.2 requires:

When one rod position indicator is not within + 12 steps of the rod bank demand indicator, the reactor trip system breakers be opened immediately.

CORRECTIVE ACTION:

The reactor trip breakers were opened immediately. The amplifier board in the individual rod position indicator for shutdown rod 1SB2 was replaced in kind. The indicator was recalibrated satisfactorily and returned to service. Action statement 3.1.3.2.2 was terminated at 1011 hours, June 23, 1981.

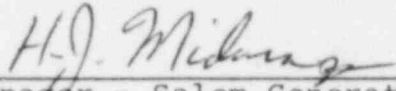
July 22, 1981

FAILURE DATA:

Bailey Instrument Co., Inc.  
Bailey Edgewise Indicator  
Model RY2  
Amplifier Board # 6627353-2

Prepared By F. Dickey

SORC Meeting No. 81-65

  
Manager - Salem Generating Station