



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

Salem Generating Station

April 7, 1982

Mr. R. C. Haynes  
Regional Administrator  
USNRC  
Region 1  
631 Park Avenue  
King of Prussia, Pennsylvania 19406



Dear Mr. Haynes:

LICENSE NO. DPR-70  
DOCKET NO. 50-272  
REPORTABLE OCCURRENCE 82-17/03L

Pursuant to the requirements of Salem Generating Station Unit No. 1, Technical Specifications, Section 6.9.1.9.c, we are submitting Licensee Event Report for Reportable Occurrence 82-17/03L. This report is required within thirty (30) days of the occurrence.

Sincerely yours,

H. J. Midura  
General Manager -  
Salem Operations

FD:ks

CC: Distribution

Report Number: 82-17/03L  
Report Date: 04-07-82  
Occurrence Date: 03-27-82  
Facility: Salem Generating Station, Unit 1  
Public Service Electric & Gas Company  
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

No. 1C Safeguards Equipment Control System - Inoperable.

This report was initiated by Incident Report 82-062.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 5 - Rx Power 0% - Unit Load 0 MWe.

DESCRIPTION OF OCCURRENCE:

On March 27, 1982, while performing Surveillance Procedure SP(O)4.3.2.1.1.a, 4KV Breaker 1C4D failed to remain closed as required. At 2057 hours No. 1C Safeguards Equipment Control (SEC) System was declared inoperable.

Subsequent troubleshooting revealed a temporary jumper installed in the breaker control circuit; the jumper was not documented per Administrative Procedure AP-13. Prior to this date, procedure SP(O)4.3.2.1.1.a did not require a check of the operation of the 4KV vital bus supply breakers.

This occurrence involved inadequacies in the implementation of administrative and procedural controls in accordance with Technical Specification 6.9.1.9.c.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

The cause of this occurrence was an undocumented temporary jumper in Breaker 1C4D control circuit.

ANALYSIS OF OCCURRENCE:

No. 1C SEC being inoperable threatened to reduce the degree of redundancy provided in engineered safety feature systems in accordance with Technical Specification 6.9.1.9.c.

During the period that No. 1C SEC was inoperable, protection was provided by the two operable channels. The jumper, by itself, would not have resulted in the loss of safeguards equipment during an accident. Therefore, this occurrence did not result in any risk to the public or environment.

CORRECTIVE ACTION:

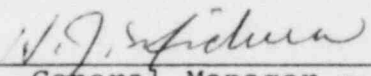
Procedure SP(O)4.3.2.1.1.a had been revised on March 9, 1982, to check 4KV supply breaker operation. The jumper was removed and breaker 1C4D was satisfactorily tested. Procedure SP(O)4.3.2.1.1.a was satisfactorily completed at 1400 hours, March 28, 1982, and No. 1C SEC System was declared operable.

The sequence of events surrounding the installation of the jumper could not be determined. All SEC related wiring was checked against wiring diagrams, and no other problems were discovered.

FAILURE DATA:

Not Applicable

Prepared By R. Frahm

  
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General Manager -  
Salem Operations

SORC Meeting No. 82-38