



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

Salem Generating Station

October 20, 1982

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

Dear Mr. Haynes:

LICENSE NO. DPR-75  
DOCKET NO. 50-311  
REPORTABLE OCCURRENCE 82-02/03X-1  
SUPPLEMENTAL REPORT

Pursuant to the requirements of Salem Generating Station  
Unit No. 2 Technical Specifications, Section 6.9.1.9.b,  
we are submitting supplemental Licensee Event Report for  
Reportable Occurrence 82-02/03X-1.

Sincerely yours,

H. J. Midura  
General Manager -  
Salem Operations

RH:ks *J.C.S.*

CC: Distribution

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PDR ADOCK 05000311  
S PDR

Report Number: 82-02/03X-1  
Report Date: 10-20-82  
Occurrence Date: 01-11-82  
Facility: Salem Generating Station, Unit 2  
Public Service Electric & Gas Company  
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

125V DC Distribution System - 2A1 Battery Charger - Inoperable.

This report was initiated by Incident Report 82-009.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 - Rx Power 30% - Unit Load 315 MWe

DESCRIPTION OF OCCURRENCE:

At approximately 0815 hours, January 11, 1982, the control operator noticed No. 2A1 battery charger had tripped. Upon resetting the breaker, it tripped again. No. 2A2 battery charger was placed in service. No. 2A1 battery charger was declared inoperable and Action Statement 3.8.2.3.c was entered at 0815 hours, January 11, 1982.

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 first trip is unknown. The battery charger was inspected and no problem was found. The subsequent trips were caused by personnel error. The battery voltage was several volts lower than the battery charger voltage setting. That caused an immediate over-current situation, tripping the battery charger breaker.

ANALYSIS OF OCCURRENCE:

Technical specification 3.8.2.3.c requires:

With one 125 volt D.C. battery charger inoperable, restore the inoperable charger to operable status within 2 hours or connect the back-up charger for no more than 7 days or be in at least hot standby within the next 6 hours and in cold shutdown within the following 30 hours.

CORRECTIVE ACTION:

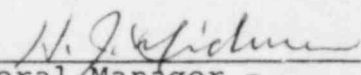
The battery charger voltage was reduced to match the battery voltage, and stepped up during the charge until full voltage was attained. Personnel involved were instructed as to the error. At 2130 hours, January 11, 1982, No. 2A1 battery charger was back in service and Action Statement 3.8.2.3.c was terminated.

The battery charger operating instruction was revised to have an electrician adjust the float voltage prior to charging the battery.

FAILURE DATA:

Not Applicable

Prepared By R. Heller

  
General Manager -  
Salem Operations

SORC Meeting No. 82-94B