



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

Salem Generating Station

March 11, 1983

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 83-012/01T

Pursuant to the requirements of Salem Generating Station Unit No. 1 Technical Specifications, Section 6.9.1.8.c, we are submitting Licensee Event Report for Reportable Occurrence 83-012/01T. This report is required within fourteen (14) days of the occurrence.

Sincerely yours,

H. J. Midura  
General Manager -  
Salem Operations

RF:ks

CC: Distribution

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PDR ADOCK 05000272  
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The Energy People

*FERZ*

Report Number: 83-012/01T  
Report Date: 03-10-83  
Occurrence Date: 02-22-83  
Facility: Salem Generating Station Unit 1  
Public Service Electric & Gas Company  
Hancock's Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Reactor Trip System - Reactor Trip Breakers - Inoperable.

This report was initiated by Incident Report 83-050.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 - RX Power 20 % - Unit Load 140 MWe.

DESCRIPTION OF OCCURRENCE:

On February 22, 1983, during a routine startup of Salem Unit 1, the reactor was manually tripped due to rapidly decreasing steam generator levels. Approximately 3 seconds before the manual trip, both reactor trip breakers failed to open automatically on receipt of a valid Low-Low Steam Generator Level reactor trip signal. The fact that both breakers had failed was obscured by the manual trip, and the ensuing investigation therefore focused on the reasons for the manual trip and the related events.

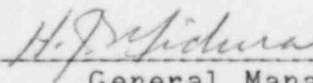
Following a similar occurrence on February 25, 1983 (see LER 83-011/01T), the plant was placed in a safe shutdown condition. A plant cooldown was subsequently commenced, and the unit entered Mode 5 at 0254 hours, February 26, 1983.

Letters to the NRC dated March 1 and 8, 1983, provide documentation of the investigation of the incident and proposed corrective action. A Supplemental Report will be submitted documenting the occurrence in detail.

FAILURE DATA:

Westinghouse Electric Corp.  
Air Circuit Breaker  
Model DB-50 Type A

Prepared By R. Frahm



General Manager -  
Salem Operations

SORC Meeting No. 83-031B