



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

Salem Generating Station

August 28, 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-70  
DOCKET NO. 50-272  
REPORTABLE OCCURRENCE 81-75/03L

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 81-75/03L. This report is required within thirty (30) days of the occurrence.

Sincerely yours,

H. J. Midura  
Manager -  
Salem Generating Station

CC: R. A Uderitz  
General Manager - Nuclear Production  
Director, Office of Inspection  
and Enforcement (30 copies)  
Director, Office of Management  
Information and Program Control  
(3 copies)

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Report Number: 81-75/03L  
Report Date: 8-28-81  
Occurrence Date: 8-9-81  
Facility: Salem Generating Station, Unit 1  
Public Service Electric & Gas Company  
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Containment Fan Coil Unit - Inoperable - No Service Water Flow Indication.  
This report was initiated by Incident Report 81-320.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 - Rx Power 71% - Unit Load 730 MWe

DESCRIPTION OF OCCURRENCE:

On August 9, 1981, the control room operator noticed that there was no service water flow indication on No. 13 containment fan coil unit (CFCU). The CFCU was declared inoperable and action statement 3.6.2.3.a was entered at 0530 hours, August 9, 1981.

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 low pressure side of flow transmitter FA-3543Z-1 was plugged with silt.

ANALYSIS OF OCCURRENCE:

Technical specification 3.6.2.3.a requires with:

One group of containment cooling fans inoperable and both Containment Spray Systems operable, restore the inoperable group of cooling fans to operable status within 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:

Flow transmitter FA-3543Z-1 sensing line was blown clear and the transmitter was recalibrated satisfactorily. The No. 13 CFCU was tested satisfactorily and returned to service. Action statement 3.6.2.3.a was terminated at 1137 hours on August 9, 1981.

A program is currently in effect to blow down all transmitters at regular intervals.

FAILURE DATA:

Fisher and Porter Flow Transmitter  
Model Number 10B2495

Prepared By F. Dickey

*H. J. Repich*  
Manager - Salem Generating Station

SORC Meeting No. 81-33