



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

Salem Generating Station

December 9, 1981

Mr. R. C. Haynes  
Director of USNRC  
Office of Inspection and Enforcement  
Region 1  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Dear Mr. Haynes:

LICENSE NO. DPR-70  
DOCKET NO. 50-272  
REPORTABLE OCCURRENCE 81-109/01T

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 81-109/01T. This report is required within fourteen (14) days of the occurrence.

Sincerely yours,

H. J. Midura  
General Manager -  
Salem Operations

CC: Distribution



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The Energy People

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Report Number: 81-109/01T  
Report Date: 12-9-81  
Occurrence Date: 11-29-81  
Facility: Salem Generating Station, Unit 1  
Public Service Electric & Gas Company  
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Containment Fan Coil Unit - Service Water Leak.  
This report was initiated by Incident Report 81-482.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 - Rx Power 69% - Unit Load 710 MWe

DESCRIPTION OF OCCURRENCE:

On November 28, 1981, during a routine containment inspection, an operator discovered service water leaking from the fourth from bottom primary cooling coil, on No. 12 Containment Fan Coil Unit (CFCU), at a rate of approximately 0.8 gallons per minute. The CFCU was isolated by closing the inlet and outlet valves from the control room, but remained operable and capable of functioning adequately under emergency conditions. In accordance with NRC IE Bulletin 80-24, the NRC was notified of the service water leak in containment by telephone, with written confirmation transmitted within the next 24 hours. No. 12 CFCU was declared inoperable and Action Statement 3.6.2.3.a was entered at 1119 hours, November 29, 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 service water leak was due to a pinhole leak in the fourth from bottom primary coil on No. 12 CFCU.

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 fans to operable status within 7 days or be in hot standby within the next 6 hours and in cold shutdown within the following 30 hours.

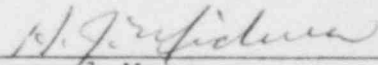
CORRECTIVE ACTION:

The fourth from bottom primary coil on No. 12 CFCU was satisfactorily repaired with Belzona metal filler. The CFCU was tested satisfactorily and returned to service. At 1120 hours, December 1, 1981, No. 12 CFCU was declared operable and Action Statement 3.6.2.3.a was terminated. Replacement coolers are being received on site and are scheduled to be installed during the upcoming refueling outage; however, no supplementary report will be issued.

FAILURE DATA:

Westinghouse Coil Cooler  
Spin No. RCMECF

Prepared By F. Dickey

  
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General Manager -  
Salem Operations

SORC Meeting No. 81-124