



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

Salem Generating Station

September 14, 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 81-76/01T

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 81-76/01T. This report is required within fourteen (14) 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 (40 copies)
Director, Office of Management
Information and Program Control
(3 copies)

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Report Number: 81-76/01T
Report Date: 9-14-81
Occurrence Date: 9-2-81
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 81-359.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 - Rx Power 1 - Unit Load 930 MWe

DESCRIPTION OF OCCURRENCE:

On September 2, 1981, during a routine containment inspection, an operator discovered service water leaking from the secondary cooling coil, second from the bottom, on No. 14 containment fan coil unit (CFCU), at a rate of approximately 1 gallon per minute. 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. 14 CFCU was declared inoperable and action statement 3.6.2.3.a was entered at 1935 hours, September 2, 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 second from the bottom secondary coil on No. 14 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 second from the bottom secondary coil on No. 14 CFCU was isolated from the remainder of the coils by installing a blank flange insert between the service water inlet and outlet flanges. As per engineering analysis, it is possible to isolate an individual cooler in this manner while retaining acceptable efficiency of the cooler. This cooler will be replaced during the next scheduled outage; however, no supplementary report will be issued. No. 14 CFCU was tested satisfactorily and returned to service. Action statement 3.6.2.3.a was terminated at 1930 hours, September 3, 1981.

FAILURE DATA:

Westinghouse Coil Cooler
Spin No. RCMECF

Prepared By F. Dickey

SORC Meeting No. 81-90

H.J. Midura
Manager - Salem Generating Station