



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

Salem Generating Station

September 8, 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 81-74/01T

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 81-74/01T. 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: 81-74/01T
Report Date: 9-8-81
Occurrence Date: 8-26-81
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 81-343.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 - Rx Power 96% - Unit Load 1020 MWe

DESCRIPTION OF OCCURRENCE:

On August 26, 1981, during a routine containment inspection, an operator discovered service water leaking from the bottom secondary coil on No. 11 containment fan coil unit (CFCU), at a rate of approximately 0.5 gallons 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. 11 CFCU was removed from service, and declared inoperable. Action statement 3.6.2.3.b was entered at 0125 hours, August 26, 1981, because No. 13 CFCU was also out of service.

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 bottom secondary coil on No. 11 CFCU.

ANALYSIS OF OCCURRENCE:

Technical Specification 3.6.2.3.b requires with:

Two groups of containment cooling fans inoperable, and both Containment Spray Systems operable, restore at least one group of cooling fans to operable status within 72 hours or be in at least hot standby within the next 6 hours and in cold shutdown within the following 30 hours. Restore both groups of cooling fans to operable status within 7 days of initial loss or be in at least hot standby within the next 6 hours and in cold shutdown within the following 30 hours.

CORRECTIVE ACTION:

The bottom secondary coil on No. 11 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. 11 CFCU was tested satisfactorily and returned to service. Action Statement 3.6.2.3.b was terminated at 1853 hours, August 26, 1981.

FAILURE DATA:

Westinghouse Coil Cooler
Spin No. RCMECF

Prepared By F. Dickey

SORC Meeting No. 81-87

H. J. [Signature]
Manager - Salem Generating Station