



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

Salem Generating Station

November 10, 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 81-94/01T

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 81-94/01T. 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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Report Number: 81-94/01T
Report Date: 11-10-81
Occurrence Date: 10-28 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 Reports 81-427
and 81-428.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 - Rx Power 98% - Unit Load 1040 MWe

DESCRIPTION OF OCCURRENCE:

On October 28, 1981, while performing OI II 1.3.5, Reactor Coolant Leak Detection, it was determined that there was approximately 1.5 GPM unidentified leakage. Technical Specification 3.4.6.2.b specifies a limit of 1 GPM. At 0415 hours, Action Statement 3.4.6.2.b was entered. At 0630 hours an inspection revealed service water leakage from the fifth and sixth primary coils of No. 14 Containment Fan Coil Unit (CFCU) at a rate of 0.8 GPM. At 0630 hours No. 14 CFCU was declared inoperable and Action Statement 3.6.2.3.a was entered. Action Statement 3.4.6.2.b was terminated.

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 leaks in the fifth and sixth primary coils on No. 14 CFCU.

ANALYSIS OF OCCURRENCE:

Technical Specification 3.4.6.2.b requires:

With any Reactor Coolant System leakage greater than any one of the limits, reduce the leakage rate to within limits within 4 hours or be in at least hot standby within the next 6 hours and in cold shutdown within the following 30 hours.

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.

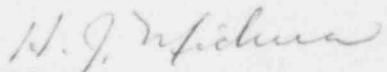
CORRECTIVE ACTION:

The leaks in the fifth and sixth primary coils on No. 14 CFCU were satisfactorily repaired with Belzona Metal Filler. The CFCU was tested satisfactorily and returned to service. At 0648 hours, October 30, 1981, No. 14 CFCU was declared operable and Action Statement 3.6.2.3.a was terminated. This cooler will be replaced during a future outage; however, no supplementary report will be issued.

FAILURE DATA:

Westinghouse Coil Cooler
Spin No. RCMECF

Prepared By F. Dickey



General Manager -
Salem Operations

SORC Meeting No. 81-117