PSE&G

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

Salem Generating Station

November 25, 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 81-105/01T

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 81-105/01T. 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: 81-105/01T

Report Date: 11-25-81

Occurrence Date: 11-17-81

Facility: Salem Generating Station, Unit 1
Public Service Electric & Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

No. 12 Containment Fan Coil Unit - Inoperable.
This report was initiated by Incident Report 81-462.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 - Rx Power 70% - Unit Load 740 MWe.

DESCRIPTION OF OCCURRENCE:

On November 17, 1981, during a containment inspection, the equipment operator discovered a service water leak of approximately 1 GPM in the No. 12 Containment Fan Coil Unit (CFCU). 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. No. 14 CFCU was also inoperable due to scheduled maintenance. Therefore , at 2040 hours, Action Statement 3.6.2.3.b was entered.

This occurrence constituted operation in a degraded mode in accordance with Technical Specification 6.9.1.8.c.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

The cause of the service water leak was a pinhole in the upper primary cooling coil.

ANALYSIS OF OCCURRENCE:

Technical Specification 3.6.2.3.b requires:

> With two groups of the above 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 above required 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 service water leak in the upper primary cooling coil was repaired by brazing. The No. 12 CFCU was tested satisfactorily and declared operable. Action Statement 3.6.2.3.b was terminated at 1821 hours, November 18, 1981.

On November 19, 1981, No. 14 CFCU was repaired by inserting a blank flange in the third from bottom secondary coil and the second from bottom secondary coil was repaired with Belzona metal filler. The No. 14 CFCU was tested satisfactorily and placed in service at 2210 hours.

FAILURE DATA:

Westinghouse Coil Cooler
Spin No. RCMECF

Prepared By K. Whitcomb

General Manager -
Salem Operations

SORC Meeting No. 81-121