



Public Service Electric and Gas Company 80 Park Plaza Newark, N.J. 07101 Phone 201/430-7000

August 27, 1981

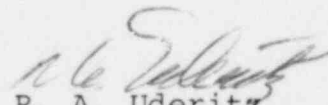
Mr. Boyce H. Grier
Director of USNRC
Office of Inspection and Enforcement
Region 1
631 Park Avenue
King of Prussia, Pennsylvania 19406

Dear Mr. Grier:

LICENSE NO. DPR-70
DOCKET NO. 50-272
REPORTABLE OCCURRENCE 81-72/01T

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 81-72/01T. This report is required within fourteen (14) days of the occurrence.

Sincerely yours,


R. A. Uderitz
General Manager -
Nuclear Production

CC: Director, Office of Inspection
and Enforcement (40 copies)
Director, Office of Management
Information and Program Control
(3 copies)

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The Energy People

August 27, 1981

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 cooling fans to operable status within 7 days 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.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:

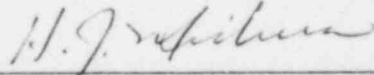
The fourth secondary cooling coil from the top on No. 14 CFCU and the bottom primary coil on No. 12 CFCU were isolated from the remainder of the coils by installing blank flange inserts between the service water inlet and outlet flanges. As per engineering analysis, it is possible to isolate an individual cooler like this while retaining acceptable efficiency of the cooler. These coolers will be replaced during the next scheduled outage; however, no supplementary report will be issued. Action statement 3.6.2.3.a was terminated at 2125 hours on August 13, 1981. Action statement 3.6.2.3.b was terminated at 0510 hours on August 14, 1981.

FAILURE DATA:

Westinghouse Coil Cooler
Spin No. RCMECF

Prepared By J. Varga

SORC Meeting No. 81-77



Manager - Salem Generating Station

Report Number: 81-72/01T
Report Date: August 27, 1981
Occurrence Date: 8-13-81
Facility: Salem Generating Station, Unit 1
Public Service Electric & Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Containment Fan Coil Units (CFCU) - Service Water Leaks.
This report was initiated by Incident Reports 81-327 and 81-328.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 - Rx Power 95% - Unit Load 1030 MWe

DESCRIPTION OF OCCURRENCE:

During the 0800-1600 shift on August 13, 1981, during a routine containment inspection, an operator discovered a service water leak of approximately 1 gallon per minute emanating from a pin point hole on the fourth secondary cooling coil from the top, on the No. 14 CFCU. In accordance with NRC IE Bulletin 80-24, the NRC was notified of the service water leak by telephone with written notification made the following day. No. 14 CFCU was removed from service and the service water isolated. Action statement 3.6.2.3.a was entered at 1245 hours August 13, 1981, after declaring the CFCU inoperable due to service water isolation.

During the 1600-2400 shift on August 13, 1981, during a routine containment inspection, an operator discovered a service water leak of approximately .75 gallons per minute emanating from the bottom primary cooling coil on the No. 12 CFCU. The NRC was again notified at 1923 hours and written notification was made the following day. No. 12 CFCU was removed from service and the service water isolated. Action statement 3.6.2.3.b was entered at 1920 hours on August 13, 1981, after declaring the CFCU inoperable since both No. 14 and 12 CFCU were inoperable.

These occurrences 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 fourth secondary cooling coil from the top on No. 14 CFCU had developed a pin point hole.

The bottom primary cooling coil on the No. 12 CFCU had developed a leak.