



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

Salem Generating Station

September 16, 1982

Mr. R. C. Haynes  
Regional Administrator  
USNRC  
Region 1  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Dear Mr. Haynes:

LICENSE NO. DPR-75  
DOCKET NO. 50-311  
REPORTABLE OCCURRENCE 82-096/03L

Pursuant to the requirements of Salem Generating Station Unit No. 2, Technical Specifications, Section 6.9.1.9.b, we are submitting Licensee Event Report for Reportable Occurrence 82-096/03L. This report is required within thirty (30) days of the occurrence.

Sincerely yours,

H. J. Midura  
General Manager -  
Salem Operations

RH:ks *J.C.S.*

CC: Distribution

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PDR ADOCK 05000311  
S PDR

The Energy People

*ICR*

Report Number: 82-096/03L  
Report Date: 09-16-82  
Occurrence Date: 08-31-82  
Facility: Salem Generating Station, Unit 2  
Public Service Electric & Gas Company  
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Containment Cooling System - No. 23 Containment Fan Coil Unit - Inoperable.

This report was initiated by Incident Report 82-242.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 - Rx Power 82% - Unit Load 890 MWe.

DESCRIPTION OF OCCURRENCE:

At 1835 hours, August 31, 1982, during performance of routine surveillance, the Control Room Operator received indication of low service water flow on No. 23 Containment Fan Coil Unit (CFCU). When the CFCU was put in the low speed mode, service water flow was less than the required 2500 GPM. No. 23 CFCU was declared inoperable and Limiting Condition for Operation Action Statement 3.6.2.3a was entered at 1835 hours. Both containment spray systems were operable throughout the occurrence.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

Investigation revealed that the cause of this occurrence was silt build up in the CFCU cooling coils which restricted service water flow.

ANALYSIS OF OCCURRENCE:

The CFCU's operate in conjunction with the containment spray systems to remove heat and radioactive contamination from the containment atmosphere in the event of a design basis accident. Operability of either all fan coil groups or of both containment spray systems is necessary to ensure offsite radiation dose is maintained within the limits of 10CFR100. Because redundant cooling capability was provided by the containment spray systems, no risk to the health or safety of the public was involved. The occurrence, therefore, constituted operation in a degraded mode permitted by a limiting condition for operation, and is reportable in accordance with Technical Specification 6.9.1.9.b.

ANALYSIS OF OCCURRENCE: (continued)

## Action Statement 3.6.2.3a requires:

With one group of containment cooling fans inoperable, restore the inoperable group of cooling fans to operable status within the next 7 days, or be in hot standby within the next 6 hours and in cold shutdown within the following 30 hours.

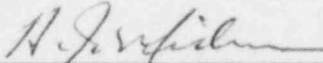
CORRECTIVE ACTION:

The service water flow control valve was cycled and the CFCU was tested satisfactorily. At 1022 hours, September 1, 1982, No. 23 CFCU was declared operable and Limiting Condition for Operation Action Statement 3.6.2.3a was terminated.

FAILURE DATA:

Not Applicable.

Prepared By     R. Heller    

  
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General Manager -  
Salem Operations

SORC Meeting No.     82-84