



PSEG

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

Salem Generating Station

September 3, 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 82-083/03L

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 82-083/03L. This report is required within
thirty (30) days of the occurrence.

Sincerely yours,

H. J. Midura
General Manager -
Salem Operations

RH:ks *852*

CC: Distribution

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PDR ADOCK 05000311
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The Energy People

IEU

95-2189-03M/11-31

Report Number: 82-083/03L
Report Date: 09-03-82
Occurrence Date: 08-12-82
Facility: Salem Generating Station, Unit 2
Public Service Electric & Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

No. 25 Containment Fan Coil Unit - Inoperable.

This report was initiated by Incident Report 82-229.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 - Rx Power 82% - Unit Load 910 MWe.

DESCRIPTION OF OCCURRENCE:

At 0230 hours, August 12, 1982, during performance of routine surveillance, the Control Room Operator received indication of low service water flow on No. 25 Containment Fan Coil Unit (CFCU). When the CFCU was put in the low speed mode, service water flow was only 1200 GPM instead of the required 2500 GPM. No. 25 CFCU was declared inoperable and a Limiting Condition for Operation Action Statement 3.6.2.3a was entered at 0230 hours. Both containment spray systems were operable throughout the occurrence.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

Investigation of this occurrence revealed that the cause was a ground in the 28 volt system. This ground prevented the proper signal from reaching No. 25 CFCU service water flow control valve positioner.

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 insure offsite radiation dose is maintained within the limits of 10CFR100.

ANALYSIS OF OCCURRENCE: (continued)

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.

Action Statement 3.6.2.3a requires:

With the 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.

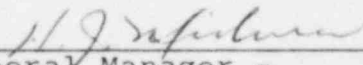
CORRECTIVE ACTION:

As noted, the problem was traced to a ground in the 28 volt system. The ground was cleared and No. 25 CFCU tested satisfactorily. No. 25 CFCU was declared operable and Limiting Condition for Operation Action Statement 3.6.2.3a was terminated at 1520 hours, August 12, 1982.

FAILURE DATA:

Not Applicable.

Prepared By R. Heller



General Manager -
Salem Operations

SORC Meeting No. 82-80