



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

July 31, 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-75
DOCKET NO. 50-311
REPORTABLE OCCURRENCE 81-54/03L



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 81-54/03L. This report is required within thirty (30) days of the occurrence.

Sincerely yours,

R. A. Uderitz
General Manager -
Nuclear Production

CC: Director, Office of Inspection
and Enforcement (30 copies)
Director, Office of Management
Information and Program Control
(3 copies)

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Report Number: 81-54/03L
Report Date: July 31, 1981
Occurrence Date: 7-2-81
Facility: Salem Generating Station, Unit 2
Public Service Electric & Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Low Service Water Flow On No. 21 Containment Fan Coil Unit.
This report was initiated by Incident Report 81-230.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 - Rx Power 30% - Unit Load 240 MWe

DESCRIPTION OF OCCURRENCE:

On July 2, 1981, the control operator placed No. 21 containment fan coil unit (CFCU) in service. He noticed the service water flow rate was approximately 2100 gallons per minute, which is less than the required flow rate of 2500 gallons per minute. No. 21 CFCU was declared inoperable, and action statement 3.6.2.3.a was entered at 1710 hours on July 2, 1981.

This occurrence constituted operation in a degraded mode in accordance with technical specification 6.9.1.9.b.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

The setpoint on No. 21 CFCU setpoint generator 2FA-3160C-3 was incorrectly adjusted.

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.

CORRECTIVE ACTION:

The CFCU setpoint generator 2FA-3160C-3 was readjusted to an 85% setting. No. 21 CFCU was tested satisfactorily and returned to service. Action statement 3.6.2.3.a was terminated at 2010 hours on July 2, 1981.

FAILURE DATA:

Fischer and Porter Co.
Setpoint Generator
Series 53 EG 3000

Prepared By F. Dickey

SORC Meeting No. 81-69

H. J. Midura
Manager - Salem Generating Station