



PSEG

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

July 1, 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 81-31/03L

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 81-31/03L. This report is required within thirty (30) days of the occurrence.

Sincerely yours,

R. A. Uderitz
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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The Energy People

Report Number: 81-31/03L
Report Date: July 1, 1981
Occurrence Date: 6-1-81
Facility: Salem Generating Station, Unit 2
Public Service Electric & Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Reactor Coolant System - Leakage Detection System

CONDITIONS PRIOR TO OCCURRENCE:

Mode 3 - Rx Power 0% - Unit Load 0 MWe

DESCRIPTION OF OCCURRENCE:

At 1655 hours, June 1, 1981, the Auxiliary Alarm Annunciator was declared inoperable due to erratic operation. Since the Containment Sump Level Monitoring System was monitored by the Auxiliary Alarm Annunciator the Containment Sump Level Monitoring System was declared inoperable and Action Statement 3.4.7.1.b was entered.

This occurrence constituted operation in a degraded mode IAW Technical Specification 6.9.1.9.b.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

Equipment failure. The Auxiliary Alarm Annunciator was found to be inoperable due to a ground in the alarm circuit associated with No. 23 Turbine Generator Area Sump Pump. The ground was causing erroneous alarm print outs and erratic system operation.

ANALYSIS OF OCCURRENCE:

Technical Specification 3.4.7.1, requires that with only two leakage detection systems operable, operation may continue for up to 30 days provided grab samples of the containment atmosphere are obtained and analyzed at least once per 24 hours when the required gaseous and/or particulate radioactivity monitoring system is inoperable.

CORRECTIVE ACTION:

The No. 23 Turbine Sump Pump alarm disconnect links in the Auxiliary Alarm Annunciator Cabinet were opened, isolating the ground. The Auxiliary Alarm Annunciator was then tested satisfactorily and the Containment Sump Level Monitoring System was made operable.

Action Statement 3.4.7.1.b was terminated at 1920 hours on June 1, 1981.

July 1, 1981

FAILURE DATA:

Not Applicable

Prepared By J. J. Espey

SORC Meeting No. 81-56

H. J. Midura
Manager - Salem Generating Station