



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

August 6, 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:

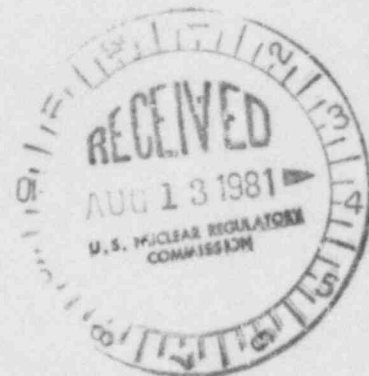
LICENSE NO. DPR-75  
DOCKET NO. 50-311  
REPORTABLE OCCURRENCE 81-56/03L

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 81-56/03L. This report is required within thirty (30) days of the occurrence.

Sincerely yours,

*RA Maderitz/81*  
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)



8108140258 810806  
PDR ADOCK 05000311  
S PDR

*IE22  
5/11*

The Energy People

Report Number: 81-56/03L  
Report Date: August 6, 1981  
Occurrence Date: 7-8-81  
Facility: Salem Generating Station, Unit 2  
Public Service Electric & Gas Company  
Hanccks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Reactor Coolant Leak Detection System - Inoperable.  
This report was initiated by Incident Report 81-236.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 2 - Rx Power 0% - Unit Load 0 MWe

DESCRIPTION OF OCCURRENCE:

At 1140 hours, July 8, 1981, the auxiliary alarm annunciator was malfunctioning. 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 in accordance with technical specification 6.9.1.9.b.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

Equipment failure. The auxiliary alarm annunciator was inoperable due to the failure of a series of RA848A alarm input cards.

ANALYSIS OF OCCURRENCE:

Technical specification 3.4.7.1 requires:

With only two of the required leakage detection systems operable, operation may continue for up to 30 days provided containment atmosphere grab samples are obtained and analyzed at least once per 24 hours; otherwise, be in hot standby within the next 6 hours and in cold shutdown within the following 30 hours.

CORRECTIVE ACTION:

The requirements of technical specification 3.4.7.1 were complied with. The annunciator was removed from service. At 2232 hours on July 9, 1981, Unit 2 entered mode 5 and action statement 3.4.7.1.b was terminated due to inapplicability in mode 5. Subsequently, a series of RA848A alarm input cards were replaced. The annunciator was returned to service and tested satisfactorily.

August 6, 1981

FAILURE DATA:

Rochester Instrument Systems, Inc.  
RA848A Alarm Input Cards

Prepared By F. Dickey

SORC Meeting No. 81-71

H. J. McFadden  
Manager - Salem Generating Station