



Public Service Electric and Gas Company P.O. Box 168 Hancocks Bridge, New Jersey 08038

Salem Generating Station

August 24, 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 81-75/03L

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 81-75/03L. This report is required within thirty (30) days of the occurrence.

Sincerely yours,

H. J. Midura
Manager -
Salem Generating Station

CC: R. A. Uderitz
General Manager - Nuclear Production
Director, Office of Inspection
and Enforcement (30 copies)
Director, Office of Management
Information and Program Control
(3 copies)

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Report Number: 81-75/03L
Report Date: 8-24-81
Occurrence Date: 7-27-81
Facility: Salem Generating Station, Unit 2
Public Service Electric & Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Radiation Monitoring System - 2R11A - Inoperable
This report was initiated by Incident Report 81-292.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 - Rx Power 48% - Unit Load 440 MWe

DESCRIPTION OF OCCURRENCE:

On July 27, 1981, during check source testing, the containment atmosphere particulate radioactivity monitoring detector 2R11A was found to be out of specification. 2R11A was declared inoperable, and action statements 3.3.3.1, action 24 and 3.4.7.1.a were entered at 0920 hours, July 27, 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 cause of the out of specification test results during the check source testing of 2R11A was the detector was approximately one-half inch back from its' proper position in the lead pig.

ANALYSIS OF OCCURRENCE:

Technical specification 3.3.3.1, action 24 requires:

With the number of channels operable less than required by the minimum channels operable requirement, comply with the action requirements of specification 3.4.7.1.

Technical specification 3.4.7.1.a requires:

With only two of the required 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.

CORRECTIVE ACTION:

The detector was repositioned approximately one-half inch forward in the pig. The high voltage and discriminator voltage was reset. The detector was tested satisfactorily and returned to service. Action statements 3.3.3.1, action 24 and 3.4.7.1.a were terminated 1530 hours, July 27, 1981.

FAILURE DATA:

Victoreen Instrument Division
M862S Scaler

Prepared By F. Dickey

M. J. Dickey
Manager - Salem Generating Station

SORC Meeting No. 81-81