



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

October 6, 1980

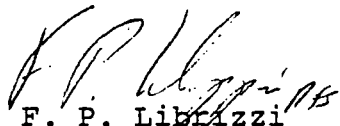
Mr. Boyce H. Grier
Director of USNRC
Office of Inspection and Enforcement
Region 1
631 Park Avenue
King of Prussia, Pennsylvania 19406

Dear Mr. Grier:

LICENSE NO. DPR-70
DOCKET NO. 50-272
REPORTABLE OCCURRENCE 80-50/03L

Pursuant to the requirements of Salem Generating Station Unit No. 1 Technical Specifications, Section 6.9.1, we are submitting Licensee Event Report for Reportable Occurrence 80-50/03L. This report is required within thirty (30) days of the occurrence.

Sincerely yours,


F. P. Librizzi
General Manager -
Electric 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: 80-50/03L
Report Date: 10/6/80
Occurrence Date: 9/08/80
Facility: Salem Generating Station, Unit 1
Public Service Electric & Gas Company
Hancock's Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Failure of the Air Particulate Monitor 1R11A, Technical Specification 3.3.3.1 and 3.4.6.1

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1
Reactor Power 63%
Unit Load - 620 MW

DESCRIPTION OF OCCURRENCE:

At 1810 hours on September 8, 1980, during a functional test, a failed detector was discovered in the Air Particulate Detector (APD). Action Statement 3.4.6.1 was entered allowing operation for 30 days if grab samples are taken at least every 24 hours or be in at least hot standby within the next 6 hours and in cold shutdown within the following 30 hours.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

Equipment Failure

ANALYSIS OF OCCURRENCE:

The detector was found to be failed due to a cracked sodium iodide crystal. The cause of the crystal failure is not known.

The Action Statement was terminated at 2145 hours on September 8, 1980.

CORRECTIVE ACTION:

The detector was replaced and tested satisfactorily.

FAILURE DATA:

Detector Type MD5B
Manufacturer: Tracer Lab
Division of L.F.E.

Prepared By J. Osuch

SORC Meeting No. 77-80

H. J. S. [Signature]
Manager - Salem Generating Station