



**PSEG**

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

December 3, 1979

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 79-72/03L

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 79-72/03L. This report is required within thirty (30) days of the occurrence.

Sincerely yours,

*F. P. Librizzi*  
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: 79-7003L  
Report Date: 12/3/79  
Occurrence Date: 11/05/79  
Facility: Salem Generating Station  
Public Service Electric & Gas Company  
Hancock's Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Loss of Meteorological Instruments

CONDITIONS PRIOR TO OCCURRENCE:

Operational Mode 5

DESCRIPTION OF OCCURRENCE:

At 1130 hours, the control room operator noted that the meteorological instrumentation in the control room had failed. An Equipment Operator sent to the instrument house to investigate reported that the power supply inverter had failed. The Maintenance Department was notified and the Action Statement for Technical Specification 3.3.3.4 was implemented. Normal power was restored to the instruments by 1330 hours on November 8, 1979, and the Action Statement was terminated.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

The cause of this occurrence was a cooling fan in the power supply inverter which failed due to seized motor bearings. The resultant overload severely damaged the inverter and the normal emergency power supply switching circuit which is housed in the inverter cabinet.

ANALYSIS OF OCCURRENCE:

The meteorological monitoring instrumentation channels are required by Technical Specification 3.3.3.4 to be operable at all times. During the 74 hours that the instruments were inoperable, the plant was maintained in steady state cold shutdown conditions and no radioactive releases were made to the atmosphere.

CORRECTIVE ACTION:

Normal AC supply to the instruments has been restored and each channel was tested to verify operability. The emergency supply inverter will be replaced when a new inverter is available.

FAILURE DATA:

Not Applicable

Prepared By A. W. Kapple

*A. J. [Signature]*  
Manager - Salem Generating Station

SORC Meeting No. 90-79