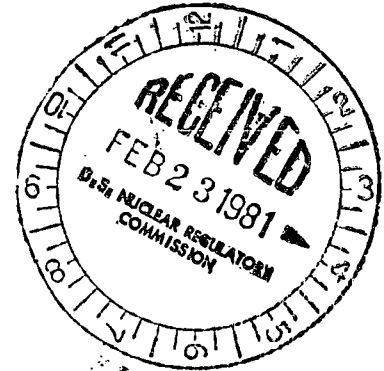




Public Service Electric and Gas Company 80 Park Place Newark, N.J. 07101 Phone 201/430-7000

February 12, 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-70  
DOCKET NO. 50-272  
REPORTABLE OCCURRENCE 81-05/03L

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 81-05/03L. 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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Report Number: 81-00/03L  
Report Date: February 12, 1981  
Occurrence Date: 1/28/81  
Facility: Salem Generating Station, Unit 1  
Public Service Electric & Gas Company  
Hancocks Bridge, NJ 08038

IDENTIFICATION OF OCCURRENCE:

Turbine Impulse Channel Functional Test Failure (Comparator 1FC513 Failed)

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 - Rx Power 63% - Unit Load 700 MW

DESCRIPTION OF OCCURRENCE:

During normal operations at 0820 hours on January 28, 1981, while performing a routine functional test on the Reactor Protection System (High Steam Flow, Channel II for Safety Injection), the Safety Injection signal could not be generated. IAW Technical Specification 3.3.2.b normal operation continued with the inoperable channel placed in the tripped condition. A work order was issued to troubleshoot and repair the channel. This occurrence constituted operation in a degraded mode IAW Technical Specification 6.9.1.9.b.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

Equipment Failure

ANALYSIS OF OCCURRENCE:

Upon troubleshooting the channel, it was determined that the Comparator Unit (Hagan Model 4111082-001) had failed.

CORRECTIVE ACTION:

The defective Hagan Module was replaced with a spare. The replacement unit was calibrated and a satisfactory channel functional test was performed. The channel was declared operational at 1050 hours on January 28, 1981.

FAILURE DATA:

Hagan Comparator - Model 4111082-001 - Serial #A01040

Prepared By W. J. Steele

SORC Meeting No. 81-07

N. J. Sepulveda  
Manager - Salem Generating Station