



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

Salem Generating Station

September 9, 1981

Mr. P. C. Haynes  
Director of USNRC  
Office of Inspection and Enforcement  
Region 1  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Dear Mr. Haynes:

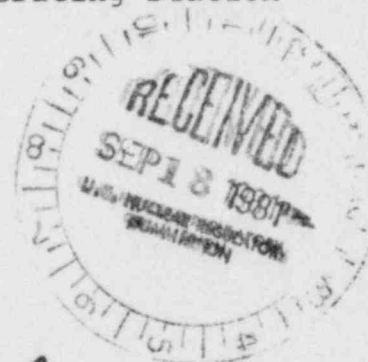
LICENSE NO. DPR-75  
DOCKET NO. 50-311  
REPORTABLE OCCURRENCE 81-88/03L

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 81-88/03L. 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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THE ENERGY PEOPLE

Report Number: 81-88/03L  
Report Date: 9-9-81  
Occurrence Date: 8-14-81  
Facility: Salem Generating Station, Unit 2  
Public Service Electric & Gas Company  
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

2C Diesel Generator - Inoperable  
This report was initiated by Incident Report 81-330.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 - Rx Power 90% - Unit Load 1010 MWe

DESCRIPTION OF OCCURRENCE:

On August 13, 1981, sparks were noticed emanating from the motor of the prelubrication pump on 2C diesel generator. The motor was subsequently removed, and sent for rewinding. No action statement was entered because the prelubrication pump was not specified as an item which would render the diesel inoperable. On August 14, 1981, Alco Engine Division was consulted as to the starting ability of the diesel without a prelubrication pump. They stated that after a period of twelve hours without prelubrication, the diesel will not attain 900 rpm in 10 seconds. At 1130 hours, August 14, 1981, 2C diesel generator was declared inoperable, and action statement 3.8.1.1.a was entered.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

2C diesel was inoperable due to lack of lubrication for greater than 12 hours from the prelubrication pump.

ANALYSIS OF OCCURRENCE:

Technical specification 3.8.1.1.a requires:

With either an offsite circuit or diesel generator inoperable, restore at least 2 offsite circuits and three diesel generators to operable status within 72 hours or be in at least hot standby within the next 6 hours and in cold shutdown within the following 30 hours.

CORRECTIVE ACTION:

The motor of the prelubrication pump was rewound and reinstalled. The pump assembly was tested satisfactorily. Surveillance procedure SP(O)4.8.1.1.2 was satisfactorily performed on 2C diesel within the required starting time. At 2100 hours, August 15, 1981, 2C diesel was returned to service and action statement 3.8.1.1.a was terminated.

FAILURE DATA:

Alco Engine Division  
Precirculating Lubricating Oil Pump  
Part No. 23900815

Prepared By F. Dickey

SORC Meeting No. 81-88

H. J. McArthur  
Manager - Salem Generating Station