



PSEG

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

Salem Generating Station

May 19, 1982

Mr. R. C. Haynes
Regional Administrator
USNRC
Region 1
631 Park Avenue
King of Prussia, Pennsylvania 19406

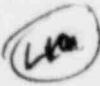
Dear Mr. Haynes:

LICENSE NO. DPR-70
DOCKET NO. 50-272
REPORTABLE OCCURRENCE 82-033/03L

Pursuant to the requirements of Salem Generating Station
Unit No. 1, Technical Specifications, Section 6.9.1.9.b,
we are submitting Licensee Event Report for Reportable
Occurrence 82-033/03L. This report is required within
thirty (30) days of the occurrence.

Sincerely yours,

H. J. Midura
General Manager -
Salem Operations

 RF:ks

CC: Distribution

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PDR ADOCK 05000272
S PDR

Report Number: 82-033/03L
Report Date: 05-19-82
Occurrence Date: 05-02-82
Facility: Salem Generating Station, Unit 1
Public Service Electric & Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Axial Flux Difference - Out of the Target Band.

This report was initiated by Incident Report 82-111.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 - Rx Power 89% - Unit Load 1020 MWe

DESCRIPTION OF OCCURRENCE:

At 0910 hours, May 2, 1982, the No. 13A Travelling Screen High Differential Pressure Trip alarm was received, and the Control Room Operator observed a decreasing condenser vacuum. A rapid load reduction was commenced to maintain the vacuum. At 0915 hours, the operator observed that the axial flux difference (AFD) was outside the +6,-9% target band, and Action Statement 3.2.1.2.a was entered.

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 high differential pressure was caused by grass and debris which had clogged the travelling screen.

ANALYSIS OF OCCURRENCE:

Technical Specification 3.2.1.2.a requires:

With between 50 and 90% of rated thermal power, power operation may continue provided

- 1) The indicated AFD has not been outside of the +6,-9% target band for more than 1 hour penalty deviation cumulative during the previous 24 hours, and
- 2) The indicated AFD is within the limits shown on Figure 3.2-1 of the Technical Specifications.

Otherwise, reduce thermal power to less than 50% of rated thermal power within 30 minutes, and reduce the Power Range Neutron Flux - High Trip setpoints to less than or equal to 55% of rated thermal power within the next 4 hours.