



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

March 3, 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 80-03/03L

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 80-03/03L. 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)

1903 1978

YEARS OF
SERVICE

A002
S
1/1

8003060 537

Report Number: 80-03/03L
Report Date: 3/3/80
Occurrence Date: 2/3/80
Facility: Salem Generating Station
Public Service Electric & Gas Company
Hancock's Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Failure of the Air Particulate Detector (T.S. 3.4.6.1)

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1
Reactor Power 100%
Unit Load 1140 MW

DESCRIPTION OF OCCURRENCE:

At 2100 hours on February 3, a low flow alarm was received for the air particulate detector (APD). Investigation revealed the pump had seized. Entered Action Statement 3.4.6.1 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:

The pump became seized.

ANALYSIS OF OCCURRENCE:

The pump was found to be seized when investigated by the Performance Department due to overheating. It is felt the failure was due to normal degradation of the pump. The pump was replaced, flow set and the motor current draw was determined to be satisfactory. The Action Statement was terminated at 1350 hours on February 4, 1980.

CORRECTIVE ACTION:

The pump was replaced and tested satisfactorily.

FAILURE DATA:

Air Particulate Detector Pump
Conde, Inc. - Model 6SC

Prepared By M. J. Murphy

SORC Meeting No. 14-80

N. J. Repolano
Manager - Salem Generating Station