PSE&G

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

Salem Generating Station

March 30, 1983

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 82-14/03X-1
SUPPLEMENTAL REPORT

Pursuant to the requirements of Salem Generating Station Unit No. 1 Technical Specifications, Section 6.9.1.9.b, we are submitting supplemental Licensee Event Report for Reportable Occurrence 82-14/03X-1.

Sincerely yours,

H. J. Midura

H. J. Midura
General Manager -
Salem Operations

RH:ks

CC: Distribution

IE22

Report Number: 82-14/03X-1

Report Date: 03-30-83

Occurrence Date: 03-06-82

Facility: Salem Generating Station, Unit 1
Public Service Electric & Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Wind Speed Indication - Inoperable

This report was initiated by Incident Report 82-050.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 5 - Rx Power 0% - Unit Load 0 MWe

DESCRIPTION OF OCCURRENCE:

On March 6, 1982 the Control Room Operator noticed that the wind speed indications for the 33, 150 and 300 foot elevations had failed. An operator was dispatched to the meteorological tower where it was found that the local indication had also failed. The wind speed monitors were declared inoperable, and at 1745 hours Action Statement 3.3.3.4 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:

Freezing rain had iced-up the anemometers, causing the loss of wind speed indication.

ANALYSIS OF OCCURRENCE:

Technical Specification 3.3.3.4 requires:

> With one or more required meteorological monitoring channels inoperable for more than 7 days, prepare and submit a Special Report to the Commission pursuant to Specification 6.9.2 within the next 10 days, outlining the cause of the malfunction and the plans for restoring the channel(s) to operable status.

CORRECTIVE ACTION:

On March 7, 1982 the anemometers thawed with rising ambient temperature, and Control Room indication was regained. At 1415 hours all wind speed monitors were declared operable and Action Statement 3.3.3.4 was terminated.

The failure of wind speed monitors due to freezing rain is an infrequent and short-term occurrence. To prevent future icing problems, 40 watt heat tapes have been installed on the anemometers located on the 30, 150, and 300 foot elevations of the meteorological tower. On each elevation, a thermostat is connected to the heat tape to cause it to energize when the ambient temperature drops to 38°F.

FAILURE DATA:

Climet Instrument Co.
Solid State 3-Cup Anemometer
Model 011-1

Prepared By R. Heller

H. J. Midura
General Manager -
Salem Operations

SORC Meeting No. 83-40