PSE&G

Public Service Electric and Gas Company 80 Park Place Newark, N.J. 07101 Phone 201/622-7000

June 2, 1977

REGULATORY DOCKET FILE COPY

Mr. James P. O'Reilly
Director of USNRC
Office of Inspections and Enforcements
Region 1
631 Park Avenue
King of Prussia, Pennsylvania 19406

Dear Mr. O'Reilly:

LICENSE NO. DPR-70
DOCKET NO. 50-272
REPORTABLE OCCURRENCE 77-35/03L

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 77-35/03L. This report is required within thirty (30) days of the occurrence.

Sincerely yours,

Frank 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)

771590294

Report Number: [redacted]-35/03L

Report Date: 5/20/77

Occurrence Date: 5/7/77

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

IDENTIFICATION OF OCCURRENCE:

Pressurizer Level Channel I Inoperable

CONDITIONS PRIOR TO OCCURRENCE:

Mode 3, Tave 547°F, Pressure 2235 psig

DESCRIPTION OF OCCURRENCE:

At 0700 hours, pressurizer level channel I was declared inoperable due to it reading 3 to 5% higher than other channels. Pressurizer level channel I was placed in the tripped condition. Action Statement No. 7 for LCO 3.3.1.1, Table 3.3.1 and Action Statement A for LCO 3.3.2.1 were placed in effect. Power operation continued until 5/18/77 when the unit was taken out of service to repair the channel.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

Two problems were identified that caused this occurrence. Gas was trapped in condensate pot causing a false high level signal. Additionally, the low pressure isolation valve and the equalizing valve were found to be leaking through. With the equalizing valve leaking through a false differential pressure signal was being applied to the transmitter.

ANALYSIS OF OCCURRENCE:

Action Statement No. 7 for LCO 3.3.1.1 and Action Statement A for LCO 3.3.2.1 allow operation to continue until the next required functional test provided the inoperable channel is placed in the tripped condition within 1 hour. Channel I pressurizer level was placed in the tripped condition within 1 hour, therefore, the LCO was not violated. The function test for this channel was due on 5/19/77. At no time was there any danger to the health and safety of the general public or site personnel.

CORRECTIVE ACTION:

On 5/18/77, the unit was placed in Mode 2 to facilitate venting of the pressurizer level condensate pot. The pot was vented and the indication decreased to approximately 3%. The equalizing valve and low side

isolation valve were replaced and the channel output came to within 2 millivolts of other operable channels. Channel I was declared operable and all action statements terminated.

FAILURE DATA:

Not Applicable

Prepared by T. Spencer

SORC Meeting No. 57-77

Manager - Salem Generating Station

77-35/03L
5/7/77

LICENSEE EVENT REPORT

CONTROL BLOCK [ ] (1–6)

LICENSEE NAME	LICENSE NUMBER	LICENSE TYPE	EVENT TYPE
NJSGS1 (9–14)	00-000-00 (15–25)	4111 (26–30)	03 (31–32)

REPORT CATEGORY	REPORT TYPE	REPORT SOURCE	DOCKET NUMBER	EVENT DATE	REPORT DATE
CON'T (57–58)	L (59)	L (60)	050-0272 (61–68)	050777 (69–74)	052077 (75–80)

EVENT DESCRIPTION

During Mode 3 operation, Channel I pressurizer level was declared inoperable due to it indicating 3-5% greater than other operable channels. Channel I was placed in the tripped condition and Action Statements for LCO 3.3.1.1 & 3.3.2.1 were implemented. Condensate pot was vented and equalizing valve was replaced. (77-35/03L)

SYSTEM CODE	CAUSE CODE	COMPONENT CODE	PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER	VIOLATION
IB (9–10)	C (11)	XXXXXX (12–17)	L (43)	Z999 (44–47)	N (48)

CAUSE DESCRIPTION

Gas trapped in the condensate pot caused a false high level signal. Leakage thru the equalizing valve on the ΔP transmitter attributed to the false level indication.

FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
D (9)	000 (10–12)	N/A (13–44)	a (45)	N/A (46–80)

FORM OF ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY	LOCATION OF RELEASE
Z (9)	Z (10)	N/A (11–44)	N/A (45–80)

PERSONNEL EXPOSURES

NUMBER	TYPE	DESCRIPTION
000 (9–11)	Z (12)	N/A (13–80)

PERSONNEL INJURIES

NUMBER	DESCRIPTION
000 (9–11)	N/A (12–80)

OFFSITE CONSEQUENCES

N/A

LOSS OR DAMAGE TO FACILITY

TYPE	DESCRIPTION
Z (9)	N/A (10–20)

PUBLICITY

N/A

ADDITIONAL FACTORS

N/A

NAME: T. L. Spencer PHONE: (609)365-7000 Ext. Salem 628