



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

January 30, 1981

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 81-07/01T

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 81-07/01T. This report is required within fourteen (14) days of the occurrence.

Sincerely yours,

R. A. Uderitz
R. A. Uderitz
General Manager -
Nuclear Production

CC: Director, Office of Inspection
and Enforcement (40 copies)
Director, Office of Management
Information and Program Control
(3 copies)

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(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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7	8	14						15	25										26	30				57	CAT	58	
		LICENSEE CODE							LICENSE NUMBER											LICENSE TYPE							

CON'T

REPORT SOURCE 7 8 60 61 68 69 74 75 80

DOCKET NUMBER EVENT DATE REPORT DATE

0 1 L 6 0 5 0 0 0 2 7 2 7 0 1 1 9 8 1 8 0 7 3 0 8 7 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | While in the Hot Standby Condition on 1/19/81 at 1500 hours, the NRC Resident

0 3 | Inspector requested that the throttle valves which balance flow through the

0 4 | Safety Injection Loops be inspected to verify that they were all in their required

0 5 | positions. Valves 14SJ16, 11SJ138, 12SJ138 and 13SJ138 were not in their correct

0 6 | positions. The incorrectly positioned valves may have prevented the fulfillment

0 7 | of the functional requirements of the system to cope with accidents analyzed in

0 8 | the SAR.

SYSTEM CODE 0 9		CAUSE CODE S F 11		CAUSE SUBCODE Z 13		COMPONENT CODE V A L V E X 14				COMP. SUBCODE F 15		VALVE SUBCODE G 16			
7. 8		9 10		12		13 18				19		20			
(17) LER/RO REPORT NUMBER		EVENT YEAR 8 1		SEQUENTIAL REPORT NO. 0 0 7		OCCURRENCE CODE 0 1				REPORT TYPE T		REVISION NO. 0			
21 22		23		24 26		27 29				30		32			
ACTION TAKEN G 18		FUTURE ACTION H 19		EFFECT ON PLANT Z 20		SHUTDOWN METHOD Z 21		HOURS 0 0 0 0 22				ATTACHMENT SUBMITTED Y 23		NPRD-4 FORM SUB. N 24	
33 34		35		36		37 40				41 23		42 24			
PRIME COMP. SUPPLIER L 25		COMPONENT MANUFACTURER R 3 4 0 26													
43 25		44 26													

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | This event was the result of procedure inadequacy. To insure that all the
1 1 | throttling valves in this system are returned to their exact required positions
1 2 | following any evolution requiring a valve line-up, on-the-spot changes have been
1 3 | made to the appropriate procedures. An engineering review of this event will be
1 4 | made and the results will be reported in a supplementary report.

FACILITY STATUS		% POWER			OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION						
1	5	G	28	0	0	0	29	N/A	30	C	31	Special Inspection	32

ACTIVITY CONTENT
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35)
1 6 Z (33) Z (34) N/A
7 8 9 10 11 44

LOCATION OF RELEASE (36)
N/A
45 80

PERSONNEL EXPOSURES									
NUMBER			TYPE	DESCRIPTION					
1	7	0	0	0	(37) Z (38) N/A				

PERSONNEL INJURIES		NUMBER		DESCRIPTION	
1	2	0	0	0	40
		N/A			

1		9		Z		42		N/A	
7		8		9		10		80	
LOSS OF OR DAMAGE TO FACILITY		TYPE		DESCRIPTION		(43)			

PUBLICITY		ISSUED		DESCRIPTION		NRC USE ONLY	
2	0	N	44	N/A			

NRC USE ONLY

8 102100705 W. J. Steele
NAME OF PREPARER

PHONE: 609-935-0998

Report Number: 81-07/01T
Report Date: January 30, 1981
Occurrence Date: 1/19/81
Facility: Salem Generating Station, Unit 1
Public Service Electric & Gas Company
Hancocks Bridge, NJ 08038

IDENTIFICATION OF OCCURRENCE:

Safety Injection Throttle Valves not in Required Positions

CONDITIONS PRIOR TO OCCURRENCE:

Mode 3 - Hot Standby

DESCRIPTION OF OCCURRENCE:

At 1500 hours on January 19, 1981, the NRC Resident Inspector requested that the following throttle valves which balance flow through the Safety Injection Loops be inspected to verify that they were all in their required positions; 11SJ16, 12SJ16, 13SJ16, 14SJ16, 11SJ143, 12SJ143, 13SJ143, 14SJ143, 11SJ138, 12SJ138, 13SJ138 and 14SJ138. The following valves were not in their required positions; 14SJ16, 11SJ138, 12SJ138 and 13SJ138. This occurrence requires prompt notification of the NRC with a written follow-up required in fourteen days IAW Technical Specification 6.9.1.8.f.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

Combination of procedure inadequacy and personnel error.

ANALYSIS OF OCCURRENCE:

The incorrectly positioned valves may have prevented the fulfillment of the functional requirements of the system to cope with accidents analyzed in the SAR.

CORRECTIVE ACTION

Valves 14SJ16, 11SJ138, 12SJ138 and 13SJ138 were immediately placed in their required positions.

To insure that all the throttling valves in this system are returned to their exact required positions following any evolution requiring a valve line-up, the following on-the-spot changes have been made to the appropriate procedures.

January 30, 1981

Unit 1 and Unit 2, Procedure No. II-4.3.1: On Checkoff Sheet 4.2, the following footnote shall be added on page 13 of the Unit 1 procedure and page 14 of the Unit 2 procedure:

(4) Valve to be fully closed and then reopened to indicated position, 11SJ16, 12SJ16, 13SJ16, 14SJ16 (21SJ16, 22SJ16, 23SJ16, 24SJ16 on Unit 2) 11SJ138, 12SJ138, 13SJ138, 14SJ138 (21SJ138, 22SJ138, 23SJ138, 24SJ138 on Unit 2) 11SJ143, 12SJ143, 13SJ143 and 14SJ143 (21SJ143, 22SJ143, 23SJ143 and 24SJ143 on Unit 2)."

To correct the valve line-up to reflect collected data IAW SUP 15.1-1, SI Performance Test, the following on-the-spot change has been made. For Unit 1 Procedure No. II-4.3.1, the position of valve 11SJ138 on Checkoff Sheet 4.2 on page 6 is now:

4-1/3 TO LO

An engineering review of this occurrence will be made and the results will be reported in a supplemental report.

FAILURE DATA:

Not Applicable

Prepared By W. J. Steele

SORC Meeting No. 81-03

[Signature]
Manager - Salem Generating Station