



PSEG

REGULATORY DOCKET FILE COPY

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

February 9, 1978



Mr. Boyce H. Grier
Director of USNRC
Office of Inspections and Enforcements
Region 1
631 Park Avenue
King of Prussia, Pennsylvania 19406

Dear Mr. Grier:

LICENSE NO. DPR-70
DOCKET NO. 50-272
REPORTABLE OCCURRENCE 78-03/03L

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 78-03/03L. 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)

A002/S
1/1

The Energy People

780460089

Report Number: 78-03/03L
Report Date:
Occurrence Date: 1/11/78
Facility: Salem Generating Station
Public Service Electric & Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Inoperable Air Lock Inner Door

CONDITIONS PRIOR TO OCCURRENCE:

Hot Standby - Mode 3

DESCRIPTION OF OCCURRENCE:

At 1600 hours, Health Physics personnel exited containment after taking air samples. Upon exit, surveillance 4.6.1.3.a was performed to verify elevation 130' air lock leak rate. Test showed excessive leakage on inner door. The air lock was declared inoperable and Action Statement 3.6.1.3 was implemented. The unit was in Mode 3 at this time in preparation for a cooldown to Mode 5. At 2200 hours the Shift Supervisor sent an operator to investigate the air lock. The operator removed a small piece of foreign material and tested the inner door leak rate. Results were satisfactory. Action Statement 3.6.1.3 was terminated at 2217 hours.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

This occurrence was caused by a 1/2 inch long section of 1/16 inch plastic tubing being trapped in the door seal. This foreign material did not allow the door to seal completely causing the excessive leakage.

ANALYSIS OF OCCURRENCE:

Technical Specification 3.6.1.3 states that with an air lock inoperable, restore the air lock to operable status within 24 hours or be in at least Hot Standby within the next 6 hours and in Cold Shutdown within the following 30 hours. The elevation 130' inner door was returned to operable status within 6 hours and 15 minutes. The unit was in a cooldown to Mode 5 during this period.

CORRECTIVE ACTION:

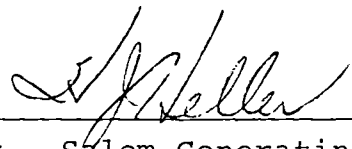
Investigation by Operations personnel revealed a small piece of foreign material trapped on the door seal. The material was removed and the leakage test rerun. Results confirmed operability.

FAILURE DATA:

N/A

Prepared by T. L. Spencer

SORC Meeting No. 5-78



Manager - Salem Generating Station

LICENSEE EVENT REPORT

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	N	J	S	G	S	1	2	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5
7	8	LICENSEE CODE							14	LICENSE NUMBER										25	LICENSE TYPE					30	CAT		58

0	1	REPORT SOURCE										DOCKET NUMBER										EVENT DATE										REPORT DATE									
7	8	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80																			
		L	6	0	5	0	0	0	2	7	2	7	0	1	1	1	7	8	8	0	2	0	9	7	8	9															

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 Health Physics personnel entered containment to take air samples. Upon
03 exit via elev. 130' air lock, Tech Spec Surveillance 4.6.1.3 performed
04 on inner door showed excessive air flow. Similar events, 77-58 & 70.
05 All other air lock doors were operable. Door returned to operable
06 status within seven hours.

0	7	
0	8	

09		SYSTEM CODE XX		11	CAUSE CODE X		12	CAUSE SUBCODE Z		13	COMPONENT CODE XXXXXX					14	COMP. SUBCODE Z		15	VALVE SUBCODE Z		16	
7	8	9	10		11	12		13	14	15	16	17	18	19	20								
17		LER'RO REPORT NUMBER		EVENT YEAR 78		21	22	SEQUENTIAL REPORT NO. 003		24	25	26	OCCURRENCE CODE 03		28	29	REPORT TYPE L		30	REVISION NO. 0		32	
ACTION TAKEN E		18	FUTURE ACTION Z		19	EFFECT ON PLANT Z		20	SHUTDOWN METHOD Z		21	HOURS 0000		22	ATTACHMENT SUBMITTED Y		23	NPRD-4 FORM SUB. N		24	PRIME COMP. SUPPLIER L		25
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Foreign material on sealing gasket would not allow adequate door con-

1 1 tact causing excessive leakage. Foreign material removed from gasket.

1 2 Surveillance 4.6.1.3.a performed with satisfactory results.

1 3

1 4

							FACILITY STATUS								% POWER						OTHER STATUS (30)						METHOD OF DISCOVERY						DISCOVERY DESCRIPTION (32)										
1		5		G		(28)	0		0		0		(29)	N/A						B		(31)	Surveillance Test 4.6.1.3																				
7		8		9				10		11		12		13		44						45		46		80																	

ACTIVITY CONTENT
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)

1 6 Z 33 Z 34 N/A N/A

7 8 9 10 11 44 45 80

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

PERSONNEL INJURIES		DESCRIPTION	
NUMBER			
1	8	0	0
0	0	0	0
40			N/A

1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		36		37		38		39		40		41		42		43		44		45		46		47		48		49		50		51		52		53		54		55		56		57		58		59		60		61		62		63		64		65		66		67		68		69		70		71		72		73		74		75		76		77		78		79		80	
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					PUBLICITY																												
					ISSUED	DESCRIPTION	(45)																										
					(2)	(0)	(Z)	(44)	N/A																								
	7	8	9	10																	68	69											80
																					NRC USE ONLY												

NAME OF PREPARER T. L. Spencer

PHONE: (609) 365-7000 Salem Ext.