

### LICENSEE EVENT REPORT

CONTROL BLOCK: \_\_\_\_\_ (1) (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 9 14 15 25 26 30 57 58

CONT  
0 1 | REPORT SOURCE | L | 6 | 0 | 5 | 0 | 0 | 0 | 2 | 7 | 2 | 7 | 1 | 1 | 2 | 4 | 8 | 1 | 8 | 1 | 2 | 2 | 3 | 8 | 1 | 9  
7 8 60 61 68 69 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | On three separate occasions, November 24 and 28, and December 8, 1981, during the  
0 3 | performance of surveillance procedure SP(O) 4.6.1.3, the 100' Elevation Containment  
0 4 | Air Lock exceeded the leakage rate limit of 0.05 La at the design pressure of 47.0  
0 5 | PSIG as required by Technical Specification 3.6.1.3.b. At 1600, 1935, and 1500 hours,  
0 6 | respectively, the air lock was declared inoperable and Action Statement 3.6.1.3 was  
0 7 | entered.

0 9 | SYSTEM CODE | S | A | 11 | CAUSE CODE | E | 12 | CAUSE SUBCODE | B | 13 | COMPONENT CODE | P | E | N | E | T | R | 14 | COMP. SUBCODE | A | 15 | VALVE SUBCODE | Z | 16  
7 8 9 10 11 12 13 18 19 20  
17 | LER/RO REPORT NUMBER | 8 | 1 | 21 | EVENT YEAR | 8 | 1 | 22 | SEQUENTIAL REPT. NO. | 1 | 1 | 6 | 24 | OCCURRENCE CODE | 0 | 3 | 28 | REPORT TYPE | L | 30 | REVISION NO. | 0 | 32  
18 | ACTION TAKEN | A | 33 | FUTURE ACTION | Z | 34 | EFFECT ON PLANT | Z | 35 | SHUTDOWN METHOD | Z | 36 | HOURS | 0 | 0 | 0 | 0 | 37 | ATTACHMENT SUBMITTED | Y | 40 | NPRD-4 FORM SUB. | Y | 42 | PRIME COMP. SUPPLIER | L | 43 | COMPONENT MANUFACTURER | C | 3 | 1 | 0 | 26  
33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | On November 24 a seal on the outer door was replaced. On November 28 a seal on the  
1 1 | inner door was removed, turned around, and reinstalled. On December 8 the operating  
1 2 | handwheel was reinstalled. On all three occasions surveillance procedures SP(O)  
1 3 | 4.6.1.3 was satisfactorily performed, and at 1925, 2220, and 2000 hours, respec-  
1 4 | tively, Action Statment 3.6.1.3 was terminated. (81-49,81-57, 81-89)

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

1 6 | ACTIVITY RELEASED | Z | 33 | CONCENTRATION OF RELEASE | Z | 34 | AMOUNT OF ACTIVITY | N/A | 35 | LOCATION OF RELEASE | N/A | 36  
7 8 9 10 11 44 45 80

1 7 | PERSONNEL EXPOSURES | 0 | 0 | 0 | 37 | TYPE | Z | 38 | DESCRIPTION | N/A | 39  
7 8 9 10 11 12 13 80

1 8 | PERSONNEL INJURIES | 0 | 0 | 0 | 40 | DESCRIPTION | N/A | 41  
7 8 9 10 11 12 80

1 9 | LOSS OF OR DAMAGE TO FACILITY | Z | 42 | TYPE | N/A | 43 | DESCRIPTION | N/A | 44  
7 8 9 10 80

2 0 | PUBLICITY ISSUED | N | 44 | DESCRIPTION | N/A | 45 | PDR ADOCK 05000272 S PDR | NRC USE ONLY  
7 8 9 10 68 69 80

NAME OF PREPARER: Frank Dickey PHONE: 609-935-0998

Report Number: 81-116/03L  
Report Date: 12-23-81  
Occurrence Date: 11-24-81, 11-28-81, and 12-8-81  
Facility: Salem Generating Station, Unit 1  
Public Service Electric & Gas Company  
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

100' Elevation Containment Air Lock - Inoperable.

This report was initiated by Incident Reports 81-477, 81-483, and 81-492.

CONDITIONS PRIOR TO OCCURRENCE:

11-24-81 Mode 1 - Rx Power 80% - Unit Load 830 MWe  
11-28-81 Mode 1 - Rx Power 69% - Unit Load 710 MWe  
12-08-81 Mode 1 - Rx Power 76% - Unit Load 800 MWe

DESCRIPTION OF OCCURRENCE:

On three separate occasions, November 24 and 28, and December 8, 1981, during the performance of surveillance procedure SP(O) 4.6.1.3, the 100' Elevation Containment Air Lock exceeded the leakage rate limit of 0.05 La at the design pressure of 47.0 PSIG as required by Technical Specification 3.6.1.3.b. At 1600, 1935, and 1500 hours, respectively, the air lock was declared inoperable and Action Statement 3.6.1.3 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:

The air lock leakage was due to leaking seals and a removed door-operating handwheel.

ANALYSIS OF OCCURRENCE:

Technical Specification 3.6.1.3 requires:

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.

CORRECTIVE ACTION:

On November 24 the inner seal on the outer door which had been damaged, was satisfactorily replaced. On November 28 a seal on the inner door was leaking excessively. It was removed, turned around, and properly reinstalled. On December 8 the operating handwheel for the inner door came off, preventing the operator from properly closing the door. The handwheel was properly reinstalled. On all three occasions surveillance procedure SP(O) 4.6.1.3 was satisfactorily performed, and at 1925, 2220, and 2000 hours, respectively, Action Statement 3.6.1.3 was terminated.

FAILURE DATA:

Chicago Bridge and Iron Company  
Containment Air Lock  
Door Seal

Prepared By F. Dickey

H. J. [Signature]  
General Manager -  
Salem Operations

SORC Meeting No. 81-132