

Frederick W. Schneider
Vice President
Production

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

January 4, 1977

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:

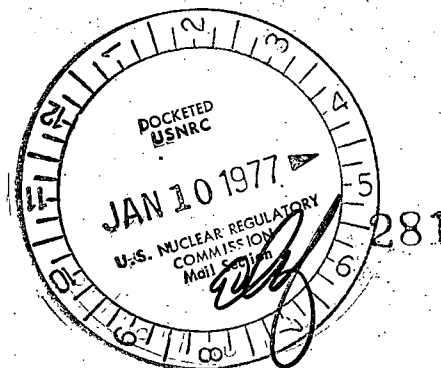
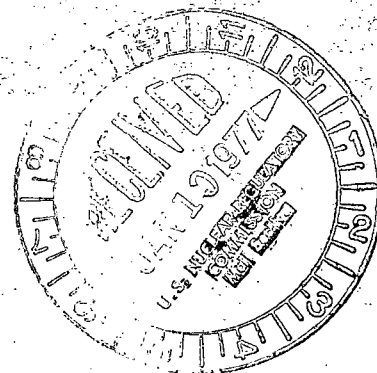
LICENSE NO. DPR-70
DOCKET NO. 50-272
REPORTABLE OCCURRENCE 76-17/3L

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 76-17/3L. This report is required within thirty (30) days of the occurrence.

Sincerely yours,

F. W. Schneider

CC: Director, Office of Inspection
and Enforcement (30 copies)
Director, Office of Management
Information and Program Control
(3 copies)



Report Number: 76-17/3L
Report Date: 12/08/76
Occurrence Date: 12/06/76
Facility: Salem Generating Station
Public Service Electric & Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Inoperable personnel air lock - Elevation 100'.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 3 operation, Plant pressure 2235 psig, Plant temperature 532°F.

DESCRIPTION OF OCCURRENCE:

On 12/6/76, the NRC inspector, in performing routine inspections of the Operations Department surveillance procedure, identified that the acceptance value for the elevation 100' and 130' personnel air lock seal air flow was inaccurate as specified in SP(O)4.6.1.3. Subsequent investigation by the licensee of the air flow calculation indicated that the acceptance value should be $\leq 32\%$ versus $\leq 65\%$. The Operations Department implemented Technical Specification Action Statement 3.6.1.3.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

Upon entering Mode 4 on 11/24/76, the elevation 100' personnel air lock was inoperable as per Technical Specifications L.C.O. paragraph 3.6.1.3 due to a calculation error associated with the acceptance value specified in SP(O)4.6.1.3.

ANALYSIS OF OCCURRENCE:

During Mode 4 and Mode 3, the elevation 100' personnel air lock interior door exceeded the minimum acceptable leakage rate as specified in S.T.S. 3.6.1.3. At no time during this period did the containment pressure exceed that specified by Technical Specifications and at no time was there any hazard to the general public or site personnel.

CORRECTIVE ACTION:

The Maintenance Department replaced the elevation 100' personnel air lock interior door seal, replaced the latch bolts and repositioned the latching mechanism. The Operations Department issued a procedural change to reflect the correct acceptance value and retested the personnel air lock satisfactorily in accordance with SP(O)4.6.1.3.

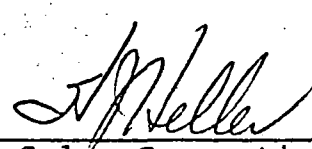
FAILURE DATA:

This is the first failure of this type.

Component: Elevation 100' personnel air lock
Manufacturer: Chicago Bridge and Iron Company

Prepared by B. Canfield

SORC Meeting No. 122-76


Manager - Salem Generating Station

LICENSEE EVENT REPORT

CONTROL BLOCK 1 2 3 4 5 6

LICENSEE NAME 01 N J S G S 1 1

LICENSE NUMBER 0 0 - 0 0 0 0 0 - 0 0 0

LICENSE TYPE 4 1 1 1 1 1

EVENT TYPE 0 1

REPORT TYPE 01 CONT

REPORT SOURCE P O L L

DOCKET NUMBER 0 5 0 - 0 2 7 2

EVENT DATE 1 2 0 6 7 6

REPORT DATE 1 2 0 8 7 6

EVENT DESCRIPTION

02 On 12/6/76, the NRC inspector, in performing routine inspection of the

03 Operations Department Surveillance Procedures, identified that the accept-

04 ance value of $\leq 65\%$ for the Elev. 100' and 130' personnel air lock seal

05 air flow was inaccurate as specified in SP(0)4.6.1.3. Subsequent investi-

06 gation by the licensee of the air flow calculation indicated that the

SYSTEM CODE 07 S A

CAUSE CODE D

COMPONENT CODE X X X X X X

PRIME COMPONENT SUPPLIER L

COMPONENT MANUFACTURER C 3 1 0

VIOLATION Y

CAUSE DESCRIPTION

08 Upon entering mode four on 11/24/76, the Elev. 100' personnel air lock was

09 inoperable as per Technical Specification L.C.O. paragraph 3.6.1.3 due to

10 a calculation error in SP(0)4.6.1.3.

FACILITY STATUS 11 G

% POWER 0 0 0 0

OTHER STATUS N/A

METHOD OF DISCOVERY d

DISCOVERY DESCRIPTION NRC Inspector

FORM OF ACTIVITY RELEASED 12 Z

CONTENT OF RELEASE Z

AMOUNT OF ACTIVITY N/A

LOCATION OF RELEASE N/A

PERSONNEL EXPOSURES

13 0 0 0 0 0 0 0 0 0 0 0

TYPE Z

DESCRIPTION N/A

PERSONNEL INJURIES

14 0 0 0 0 0 0 0 0 0 0 0

DESCRIPTION N/A

OFFSITE CONSEQUENCES

15 N/A

LOSS OR DAMAGE TO FACILITY

TYPE 16 Z

DESCRIPTION N/A

PUBLICITY

17 N/A

ADDITIONAL FACTORS

18 EVENT DESCRIPTION (Continued on page 2)

19

NAME: B. E. Canfield PHONE: (609) 365-7000 Ext. Salem-525

EVENT DESCRIPTION (Continued)

acceptance value should be $\leq 32\%$ versus $\leq 65\%$. The Operations Department implemented Technical Specification Action Statement 3.6.1.3.

This is the first occurrence of this type. (76-17/3L)