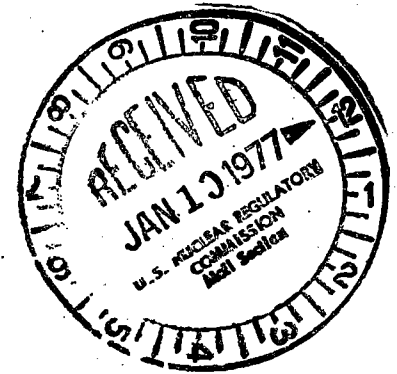




Public Service Electric and Gas Company 80 Park Place Newark, N.J. 07101 Phone 201/622-7000

Frederick W. Schneider Vice President - Production

January 3, 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:

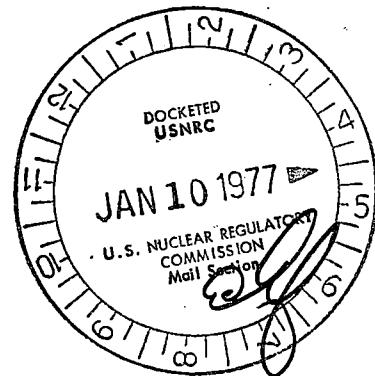
Regulatory Docket File

LICENSE NO. DPR-70
DOCKET NO. 50-272
REPORTABLE OCCURRENCE 76-16/3L

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 76-16/3L. This report is required within thirty (30) days of the occurrence.

This report replaces Reportable Occurrence 76-16/1P which was incorrectly determined to be an LER and inadvertently reported on December 1, 1976.

Sincerely yours,



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

288

Report Number: 5-16/3L
Report Date: 12/16/76
Occurrence Date: 12/03/76
Facility Salem Generating Station
Public Service Electric & Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Improper use of test leads.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 3 operation, Plant pressure 2235 psig, Plant temperature 547°F.

DESCRIPTION OF OCCURRENCE:

On 12/3/76, a safety injection signal was initiated due to Hi Steam Line Differential Pressure. I&C personnel were in the process of connecting a brush recorder to No. 12 Steam Generator Pressure Channel III. (Details of the ECCS actuation will be contained in the 90-day special report submitted pursuant to Technical Specification 6.9.2(a).) The Shift Supervisor implemented EI I-4.2, Recovery From Inadvertent Safety Injection, and plant conditions were returned to normal.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

The cause of this occurrence was the use of grounded type test leads rather than the required ungrounded type. All brush recorders use the ungrounded type test leads which are tagged "For Brush Recorder Only". A Technician attempted to use grounded visicorder leads which were not tagged.

ANALYSIS OF OCCURRENCE:

Operating pressure and temperature was 2235 psig/537°F before and 2260 psig/539°F after the safety injection actuation which is within the limitation of the reactor coolant system. With the Boron Injection Tank boron concentration less than that requires by S.T.S. paragraph 3.5.4.1(b) S.T.S. Action Statement 3.5.4.1 was implemented. No damage occurred to the reactor coolant system or the emergency core cooling system and at no time was there any hazard to the general public or site personnel.

CORRECTIVE ACTION:

All brush recorders have been modified to use the grounded type leads which are interchangeable with visicorders. An inter-shop letter is being circulated among all I&C Technicians and Supervisors requiring them to initial it, signifying knowledge of the changes made.

FAILURE DATA:

This is the first occurrence of this type.

Prepared by B. Canfield

SORC Meeting No. 122-76


Manager - Salem Generating Station

LICENSEE EVENT REPORT

CONTROL BLOCK

LICENSEE NAME: 01 NJSGS1 LICENSE NUMBER: 001-0000000-000 LICENSE TYPE: 411111 EVENT TYPE: 01

REPORT TYPE: CONT REPORT SOURCE: L L DOCKET NUMBER: 050-0272 EVENT DATE: 120376 REPORT DATE: 121676

EVENT DESCRIPTION

02 During Mode 3 operation, a safety injection signal was initiated due to Hi
03 Steam Line Differential Pressure. I&C personnel were in the process of
04 connecting a brush recorder to No. 12 Steam Generator pressure Channel III.
05 No. 12 Steam Generator redundant Steam Pressure channel was available through-
06 out this event. Details of the ECCS actuation will be contained in the

SYSTEM CODE: IA CAUSE CODE: A COMPONENT CODE: Z Z Z Z Z PRIME COMPONENT SUPPLIER: Z COMPONENT MANUFACTURER: Z 9 9 9 VIOLATION: Y

CAUSE DESCRIPTION

08 The cause of this occurrence was the use of grounded type test leads rather
09 than the required ungrounded type. All brush recorders use the ungrounded
10 type test leads which are tagged "For Brush Recorder Only". A Technician

FACILITY STATUS: G % POWER: 000 OTHER STATUS: N/A METHOD OF DISCOVERY: a DISCOVERY DESCRIPTION: N/A

FORM OF ACTIVITY RELEASED: Z CONTENT OF RELEASE: Z AMOUNT OF ACTIVITY: N/A LOCATION OF RELEASE: N/A

PERSONNEL EXPOSURES

NUMBER: 000 TYPE: Z DESCRIPTION: N/A

PERSONNEL INJURIES

NUMBER: 000 DESCRIPTION: N/A

OFFSITE CONSEQUENCES

15 N/A

LOSS OR DAMAGE TO FACILITY

TYPE: Z DESCRIPTION: N/A

PUBLICITY

17 N/A

ADDITIONAL FACTORS

18 EVENT DESCRIPTION AND CAUSE DESCRIPTION (Continued on Page 2)

19

NAME: B. E. Canfield PHONE: (609) 365-7000 Ext. Salem-529

EVENT DESCRIPTION (Continued)

90 day Special Report submitted pursuant to Technical Specification 6.9.2(a). Corrective action has been taken to modify the brush recorders to use any type of test leads. Recorders have also been marked and color coded. This was the first occurrence of this type. (76-16/3L).

CAUSE DESCRIPTION (Continued)

attempted to use grounded "Visicorder" leads which were not tagged. All brush recorders have now been modified to use the grounded type leads which are now interchangeable with the visicorder. An inter-shop letter is being prepared that discusses this change. This letter will be circulated among all Technicians and Technical Assistants requiring them to initial it, signifying knowledge of the changes made.