Report Number: 80-08/03L

Report Date: 2/15/80

Occurrence Date: 1/29/80

Facility: Salem Generating Station

Public Service Electric & Gas Company

Hancocks Bridge, NJ 08038

IDENTIFICATION OF OCCURRENCE:

Non-Safety Related Procedures Applied to Safety Related Equipment

CONDITIONS PRIOR TO OCCURRENCE:

Modes 1, 2, 3, 4, 5 and 6

DESCRIPTION OF OCCURRENCE:

During January 1979, maintenance was performed on 1VC6, inboard 10" containment pressure-vacuum relief valve, using non-safety related procedures and non-qualified parts.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

An investigation indicates that 1VC6 was incorrectly classified as a non-safety related control valve on the safety related equipment list (our Reference Project Directive 7).

ANALYSIS OF OCCURRENCE:

Valve 1VC6 was designated as a safety related component during the design and construction phase of Salem Unit No. 1. There is proper documentation that the valve was purchased and installed as safety related equipment. The engineering disciplines in subsequently compiling the list of control valves, in an apparent oversight, did not classify 1VC6 as a safety related control valve. During January 1979, maintenance was performed on the valve using nonsafety related parts and procedures. Subsequent testing of the valve, after the maintenance, verified that the valve performed its intended function as required.

During the recent refueling outage, the valve was damaged while attempting to block it in the open position during performance of the integrated leak rate test. The valve was removed and subsequently sent to the manufacturer. In examining the valve, the manufacturer identified the extent of damage done during the integrated leak rate test and discovered that the parts used in our maintenance work, presumably during January 1979, were not the same as those originally furnished. They then notified Public Service. An investigation was initiated to determine the cause of the incorrect parts being used.

CORRECTIVE ACTION:

Due to the work being done by the manufacturer on the Unit No. 1 valve, the Unit No. 2 valve was put in its place. The Unit No. 2 valve has had no corrective maintenance performed on it and, therefore, remains a fully qualified safety related valve. The original Unit No. 1 valve is being restored to a fully qualified condition by the manufacturer and will be placed in Unit No. 2.

As corrective action for the oversight in incorrectly classifying the valve, the Engineering Department is currently reviewing all safety related control valves to confirm the accuracy of their classification. If any discrepancies materialize, the station personnel will review maintenance records and take the necessary corrective action to ensure that all components are fully qualified. The Salem Master Equipment List will be revised to indicate the correct classification of equipment.

FAILURE DATA:

Not Applicable

Prepared By P. Moeller	W.J. Sofidence
	Manager - Salem Generating Station
SORC Meeting No. 12-80	

NAME OF PREPARER



PHONE:-

VI-111	LICENSEE EVENT REPORT
	CONTROL BLOCK: (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 0 0 0 0 0 0 0 0 0
CON'T	REPORT L 6 0 5 0 0 0 2 7 2 7 0 1 2 9 8 0 8 0 2 1 5 8 0 9 EVENT DESCRIPTION AND REPORT DATE 68 69 EVENT DATE 74 75 REPORT DATE 80
0 2	The inboard 10" containment pressure-vacuum relief valve, 1VC6, was repaired in
0 3	January 1979, maintenance was performed using non-safety related procedures and
0 4	non-qualified parts. During the recent refueling outage, the valve was damaged and
0 5	sent to the manufacturer for repairs. During the manufacturer's repairs, he
0 6	identified parts were used that were not the same as those originally furnished.
0 7	Between our repairs and the manufactuer's, the valve had been tested satisfactorily.
0 8 7 8	SYSTEM CAUSE CAUSE COMPONENT CODE SUBCODE SUBCODE SUBCODE
0 9	SUBCODE SUBCOD
	LER/RO REPORT NO. LER/RO REPORT NO. NO. 17 NUMBER 21 22 23 24 26 27 28 29 30 31 32
	ACTION FUTURE ON PLANT SHUTDOWN HOURS 22 ATTACHMENT NPRD-4 PRIME COMP. COMPONENT SUBMITTED FORM SUB. SUPPLIER MANUFACTURER A 18 X 19 Z 20 Z 21 0 0 0 0 0 Y 23 Y 24 L 25 M 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 0	The valve, 1VC6, due to an apparent oversight was not listed as a safety related
11	control valve. During January 1979, it was repaired with non-safety related parts
1 2	and procedures. The Unit 2 valve was used as a replacement and it has not had
1 3	corrective maintenance, therefore, maintaining its qualification. Engineering is
7 8	FACILITY GO METHOD OF
1 5	STATUS % POWER OTHER STATUS (30) METHOD OF DISCOVERY DESCRIPTION (32) H (28) 0 0 0 (29) N/A D (31) Notification from Manufacturer 9 10 12 13 44 45 46 80
A	CTIVITY CONTENT ELEASED OF RELEASE AMOUNT OF ACTIVITY (35) Z (33) Z (34) N/A LOCATION OF RELEASE (36) N/A
1 7	PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION 39 0 0 37 Z 38 N/A
7 8	9 PERSONNEL INJURIES 13 NUMBER DESCRIPTION 41 0 0 0 40 N/A
7 8	9 11 12 LOSS OF OR DAMAGE TO FACILITY 43 TYPE DESCRIPTION Z 42 N/A
7 8	9 10 PUBLICITY ISSUED - DESCRIPTION 45 NRC USE ONLY
2 0	N/A