

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 LVC6, 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 LVC6 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 LVC6 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 LVC6 as a safety related control valve. During January 1979, maintenance was performed on the valve using non-safety 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.

8002200

568

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

SORC Meeting No. 12-80


Manager - Salem Generating Station

