

LICENSEE EVENT REPORT

CONTROL BLOCK: 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 V A S P S 1 2 0 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 CAT 58

CON'T

0 1 REPORT SOURCE X 6 0 5 0 0 0 2 8 0 7 0 3 0 9 7 9 8 0 3 2 1 7 9 9
7 8 60 61 68 69 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 The Architect-Engineer (AE) notified Vepco of possible non-conservatisms in the pipe
0 3 stress code used to analyze some piping systems at Surry. Inaccurate valve weights
0 4 were also identified in some instances. The health and safety of the public was not
0 5 affected. This event is reported per Technical Specification 6.6.2.a.9.
0 6
0 7
0 8

0 9 SYSTEM CODE Z Z 11 CAUSE CODE B 12 CAUSE SUBCODE A 13 COMPONENT CODE Z Z Z Z Z Z 14 COMP. SUBCODE Z 15 VALVE SUBCODE Z 16
7 8 9 10 11 12 13 18 19 20
17 LER/RO REPORT NUMBER 7 9 21 22 SHUTDOWN METHOD A 21 HOURS 0 5 0 4 22 ATTACHMENT SUBMITTED Y 23 NPRD-4 FORM SUB. N 24 PRIME COMP. SUPPLIER Z 25 COMPONENT MANUFACTURER Z 9 9 9 9 26
23 24 26 27 28 29 30 31 32
ACTION TAKEN X 18 FUTURE ACTION X 19 EFFECT ON PLANT A 20 SHUTDOWN METHOD A 21 HOURS 0 5 0 4 22 ATTACHMENT SUBMITTED Y 23 NPRD-4 FORM SUB. N 24 PRIME COMP. SUPPLIER Z 25 COMPONENT MANUFACTURER Z 9 9 9 9 26
33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 In reviewing the Beaver Valley piping design, the AE discovered an error in the pipe
1 1 stress analysis and the valve weight used to analyze stress in some piping systems. If
1 2 was found that the discrepancy also applies to Surry. An evaluation of the problem is
1 3 underway. Both units are shutdown awaiting the results of the re-evaluation.

1 4
7 8 9 80

1 5 FACILITY STATUS E 28 % POWER 1 0 0 29 OTHER STATUS NA 30 METHOD OF DISCOVERY D 31 AE DISCOVERY DESCRIPTION 32
7 8 9 10 12 13 44 45 46 80

1 6 ACTIVITY CONTENT Z 33 Z 34 AMOUNT OF ACTIVITY NA 35 LOCATION OF RELEASE 36
7 8 9 10 11 44 45 80

1 7 PERSONNEL EXPOSURES NUMBER 0 0 0 37 TYPE Z 38 DESCRIPTION NA 39
7 8 9 10 11 12 13 80

1 8 PERSONNEL INJURIES NUMBER 0 0 0 40 DESCRIPTION NA 41
7 8 9 10 11 12 80

1 9 LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 DESCRIPTION NA 43
7 8 9 10 80

2 0 PUBLICITY ISSUED Y 44 DESCRIPTION VEPCO News Releases dated 3-13-79 7903270419 NRC USE ONLY
7 8 9 10 68 69 80

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Surry Power Station, Unit Nos. 1 & 2
Docket No.: 50-280 & 50-281
Report No.: 79-004/01T-0
Event Date: 03-09-79

Pipe Stress Analysis Evaluation

1. Description of Event:

The Architect-Engineer (AE) notified Vepco of possible non-conservatism in the pipe stress code used to analyze some piping systems at Surry. Inaccurate valve weights were also identified in some instances. The health and safety of the public were not affected. This event is reported per Technical Specification 6.6.2.a.9.

2. Probable Consequences and Status of Redundant Systems:

Possible non-conservatism is being investigated by the Architect Engineer to determine their extent and magnitude.

3. Cause:

In reviewing the Beaver Valley piping design, the AE discovered an error in the pipe stress analysis and the valve weight used to analyze stress in some piping systems. It was found that the discrepancy also applies to Surry. An evaluation of the problem is underway. Both units are shutdown awaiting the results of the re-evaluation.

4. Immediate Corrective Actions:

The immediate corrective action was to begin an investigation to determine if the significance of any non-conservatism is of sufficient magnitude to require corrective action. Unit 2 was already shutdown for steam generator repairs. Unit 1 was shutdown pending the investigation of the discrepancy.

5. Subsequent Corrective Action:

Corrective action will be subsequently taken if deemed necessary by the aforementioned investigation.

6. Future Corrective Action:

No future corrective action is deemed necessary at this time.

7. Generic Implications:

This event is applicable to Surry Units 1 and 2.