

FORM 7-77)

LICENSEE EVENT REPORT

Update Report - Previous Report Date 04-09-79
(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CONTROL BLOCK: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

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CON'T

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REPORT SOURCE L 0 5 0 0 0 3 3 8 7 0 3 1 2 7 19 8 0 7 0 9 7 9 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

On March 12, 1979 at 2238 hours, the Containment Vacuum Pump Suction Valve TV-CV150A would not remain in the closed position when operated from the Control Room. Containment Isolation was maintained by manually closing the valve. This event is reportable pursuant to T.S. 6.9.1.9.b.

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

SYSTEM CODE S D 11 CAUSE CODE E 12 CAUSE SUBCODE A 13 COMPONENT CODE R E L A Y X 14 COMP. SUBCODE A 15 VALVE SUBCODE Z 16

17 LER/RO REPORT NUMBER 7 9 21 22 EVENT YEAR 7 9 23 24 SEQUENTIAL REPORT NO. 0 3 2 25 26 OCCURRENCE CODE 0 3 27 28 REPORT TYPE X 29 30 REVISION NO. 1 31 32

ACTION TAKEN B 18 FUTURE ACTION Z 19 EFFECT ON PLANT Z 20 SHUTDOWN METHOD Z 21 HOURS 0 0 0 0 22 ATTACHMENT SUBMITTED Y 23 NPRD-4 FORM SUB. N 24 PRIME COMP. SUPPLIER X 25 COMPONENT MANUFACTURER X 9 9 9 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

The cause of the problem was a relay sticking in the energized position, thereby not allowing the suction valve to close. The relay was repaired and tested satisfactorily.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

FACILITY STATUS E 28 % POWER 0 19 9 29 OTHER STATUS N/A 30 METHOD OF DISCOVERY Z 31 DISCOVERY DESCRIPTION Operator Observation 32

ACTIVITY CONTENT RELEASED OF RELEASE Z 33 Z 34 N/A 35 AMOUNT OF ACTIVITY N/A 36 LOCATION OF RELEASE N/A 37

PERSONNEL EXPOSURES NUMBER 0 0 0 37 TYPE Z 38 DESCRIPTION N/A 39

PERSONNEL INJURIES NUMBER 0 0 0 40 DESCRIPTION N/A 41

LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 DESCRIPTION N/A 43

PUBLICITY ISSUED N 44 DESCRIPTION N/A 45

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NRC USE ONLY

NAME OF REPAIR W. R. Cartwright

PHONE 703-894-5151

Virginia Electric & Power Company
North Anna Power Station, Unit #1
Docket No. 50-338
Report No. LER 79-032/03X-1

Attachment: Page 1 of 1

Description of Event

On 3/12/79 during steady-state operation, it was discovered that Suction Valve TV-CV150A to containment vacuum pump 1-CV-P-1A would not remain in the closed position when operated from the Control Room.

Probable Consequences of Event

Containment Isolation was maintained as required in Technical Specification Bases 3.6.1.1 by manually closing suction valve TV-CV150A. In addition a redundant valve, TV-CV-150B was still operable, therefore the health and safety of the public was not affected.

Cause of Occurrence

The cause of the problem was relay 3-TV-CV150A being stuck in the energized position. This relay would then not allow the Control Room to close off the valve.

Immediate Corrective Action

When it became apparent that the valve would not close from the Control Room, an operator was dispatched to manually close the valve and a maintenance report was submitted to repair the valve. Following repair, the valve operated satisfactorily.

Scheduled Corrective Action

No further action required.

Actions Taken to Prevent Recurrence

No further action required.