

LICENSEE EVENT REPORT[illegible]

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	V	A	N	A	S	1	2	0	0	-	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5
7	8	LICENSER CODE						14	LICENSE NUMBER										25	LICENSE TYPE					30	CAT		58

CON'T

REPORT SOURCE: 0 1 2 3 4 5 6 7 8 9
 DOCKET NUMBER: 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
 EVENT DATE: 1 0 2 5 7 8
 REPORT DATE: 1 1 0 3 7 8

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 As a result of reviewing preoperational tests and electrical diagrams, it was
03 noted that non-seismically qualified instantaneous contacts off Agastat timers are
04 used in the control circuits for MOV-QS-102A and MOV-QS-102B. The automatic
05 actuation of these valves was not affected in any manner. There was no effect upon
06 public health or safety from the use of the unqualified control circuit relay.
07 Reportable as per T.S. 6.9.1.8.i

08 | 80

SYSTEM CODE S C 11		CAUSE CODE B 12		CAUSE SUBCODE A 13		COMPONENT CODE R E L A Y X 14		COMP. SUBCODE H 15		VALVE SUBCODE Z 16							
EVENT YEAR 7 8 21 22		SEQUENTIAL REPORT NO. 1 1 1 24 26		OCCURRENCE CODE 0 1 28 29		REPORT TYPE T 30		REVISION NO. 0 32									
ACTION TAKEN X 18		FUTURE ACTION F 19		EFFECT ON PLANT Z 20		SHUTDOWN METHOD Z 21		HOLDING 0 0 0 22		ATTACHMENT SUBMITTED Y 23		NPRD-4 FORM SUB. N 24		PRIME COMP. SUPPLIER A 25		COMPONENT MANUFACTURER A 1 0 9 26	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | The instantaneous contacts used in the valve control circuit are not
1 1 | siesmically qualified. The contacts are used to prevent manual interruption
1 2 | of the timing circuit. Personnel have been instructed not to place the control
1 3 | switch to close following an accident. The control circuit will be modified
 | by a design change.

7 8 9
FACILITY STATUS % POWER OTHER STATUS (30) METHOD OF DISCOVERY DISCOVERY DESCRIPTION (32)
1 5 E (28) 0 9 7 (29) NA A (31) ENGINEERING REVIEW
3 8 9 10 11 12 13 44 45 46 80

ACTIVITY CONTENT
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35)

1 6 2 (33) 2 (34) NA

2 8 9 10 11 44

LOCATION OF RELEASE (36)

NA

45 80

PERSONNEL EXPOSURES										
NUMBER			TYPE	DESCRIPTION						
1	7	0	0	0	17	Z	38	NA		

PERSONNEL INJURIES		NUMBER		DESCRIPTION	
1	8	0	0	0	NA

7		8		9		10	
1		2		3		4	
TYPE		DESCRIPTION		5		6	
1	9	2	42	NA			

PUBLICITY		ISSUED		DESCRIPTION		NA		7811070261		NRC USE ONLY	
2	0	N	44								
7	8	9	10							68	69

NRC USE ONLY

781107 0261

W. R. CARTWRIGHT

703 894 5151

7-928

Virginia Electric and Power Company
North Anna Power Station, Unit No. 1
Docket No 50-338
Report No. LER 78/111/01T-0

Description of Event

As a result of reviewing preoperational tests on Unit 2 and the electrical diagrams of both units it was noted that non-seismically qualified instantaneous contacts off Agastat timers are used in the chemical addition tank discharge valve control circuits for MOV-QS102A and MOV-QS102B.

Probable Consequences of Occurrence

The automatic actuation of these valves was not affected in any manner. The valves would have performed their safety related function with or without the operation of the instantaneous contacts. The instantaneous contacts are used to prevent manual interruption of the timing circuit by placing the valve control switch to the CLOSE position following an accident. There was no effect upon public health and safety from the use of the unqualified control circuit relay.

Cause of Occurrence

The installation of instantaneous contacts to the Agastat 2400 series time delay relays was a field modification made prior to 4-21-76. There is no documentation indicating that this add-on feature has been seismically qualified. This problem is similar to that reported in LER/RO 78-051.

Scheduled Corrective Action

This problem was reviewed and operating personnel have been instructed not to interfere with the control logic by placing the valve control switch to CLOSE following an accident. A design change has been initiated to remove the instantaneous contacts. The valve logic will remain the same.

Action to Prevent Recurrence

No corrective action to prevent recurrence is specified at this time. The Architect-Engineer is aware of this event.