

CONTROL BLOCK: [] [] [] [] [] [] [] (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CON'T

0	1
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REPORT SOURCE

L	6	0	5	10	0	0	2	8	5	7	1	1	2	7	7	8	()	1	2	0	8	7	8	9
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DOCKET NUMBER

EVENT DATE

REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

SYSTEM CODE 0 9		CAUSE CODE E E		CAUSE SUBCODE A		COMPONENT CODE C K T B K R				COMP SUBCODE E		VALVE SUBCODE Z	
7	8	9	10	11	12	13	14	15	16	17	18	19	20
LER/RO REPORT NUMBER 17		EVENT YEAR 7 8		SEQUENTIAL REPORT NO. 0 3 8		OCCURRENCE CODE /		REPORT TYPE T		REVISION NO. /			
21	22	23	24	25	26	27	28	29	30	31	32		
ACTION TAKEN X		FUTURE ACTION Z		EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0 0 0 0		ATTACHMENT SUBMITTED Y		NPRO-4 FORM SUB. N	
33	34	35	36	37	38	39	40	41	42	43	44	PRIME COMP. SUPPLIER A	
18	19	20	21	22	23	24	25	26	27	28	29	COMPONENT MANUFACTURER G 0 8 0	
33	34	35	36	37	38	39	40	41	42	43	44	26	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

FACILITY STATUS (1) 5 (2) H (28) % POWER (0) 0 (0) 0 (29) NA OTHER STATUS (30)
 METHOD OF DISCOVERY (C) (31) OPLS Testing (new installation) DISCOVERY DESCRIPTION (32)
 ACTIVITY CONTENT (1) 6 (2) Z (33) Z (34) NA AMOUNT OF ACTIVITY (35)
 RELEASED OF RELEASE (NA) LOCATION OF RELEASE (36)

PERSONNEL EXPOSURES																													
NUMBER			TYPE	DESCRIPTION			(39)																						
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
0	0	0	37	2	39	NA																							

PERSONNEL INJURIES										
NUMBER			DESCRIPTION							
0	0	0	(40)	NA						

1	9	Z	(42)	NA	(43)
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7812200267

PUBLICITY

ISSUED (44) DESCRIPTION (45)

2 10

NA

NRC USE ONLY

NAME OF PREPARER M. Core/G. Peterson

PHONE: 402-426-4011

LER 78-038
Omaha Public Power District
Fort Calhoun Station Unit No. 1
Docket No. 05000285

Attachment No. 1

Safety Analysis

During testing of the newly installed OPLS system, the failure of contacts 27-27C on the auto close breaker mode switch (43-1/LAD2) was discovered. Had the malfunction not been discovered during this special test, it would have been discovered during the surveillance testing of the engineered safeguards system per ST-ESF-6.

At the time of the failure, the plant was in a refueling shutdown condition. In addition to the redundant generator, DG-1, which was fully operational, 161 and 345 KV power was available from off-site. The failure could have occurred during power operations, hence the reason for immediate reporting. The failure was not annunciated since the alarm is connected to different contacts of the switch.

The problem was corrected by moving the wires from contacts 27-27C to spare contacts 25-25C on the same switch. This problem is considered an isolated case. However, to insure the problem does not occur in the future, positive verification of contact position and closure will be made if possible on the six mode switches (breaker mode switches 43-1/LAD1&2, breaker protection mode switches 43-3/LAD1&2, and diesel mode switches 43-1/D1&2) prior to operation above 300°F. Unless future failures dictate otherwise, no further action is anticipated.

R. Andrews

LER 78-038
Omaha Public Power District
Fort Calhoun Station Unit No. 1
Docket No. 05000285

Attachment No. 2

Failure Data

This is the first failure of a General Electric model switch at the Fort Calhoun Station Unit No. 1.

McAndrews