

LICENSEE EVENT REPORT

CONTROL BLOCK:

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 (1)

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	N	E	F	C	S	1	2	0	0	-	0	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4		5
7	3	14						15	25										26	30					57	CAT	58		
LICENSE CODE		LICENSE NUMBER										LICENSE TYPE																	

CON'T

REPORT SOURCE L 6 0 5 0 0 0 2 8 5 7 0 1 1 7 3 0 8 0 1 2 3 3 0 9

7 8 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

POCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | During power operations at approximately 90% and while performing surveillance test

0 3 | ST-SI/CS-1, the containment sump safety injection recirculation valve HCV-383-4

0 4 | failed to close from the control room switch. At the time of the failure, the re-

0 5 | dundent safety injection recirculation valve HCV-383-3 was found to be operable.

0 6 | M.O. #3669 was written to investigate the problem.

0 7 |

0 8 |

09		SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP SUBCODE		VALVE SUBCODE									
7	8	S	F	11	E	12	A	13	C	K	T	B	K	R	14								
		9	10		11	12	13				18		19		20								
17		EVENT YEAR				SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.											
LER/RO REPORT NUMBER		8	0	—		0	0	2	/	0	1	T	—	0									
		21	22	23		24		25	26	27		28		29	30		31	32					
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER							
B	18	Z	19	Z	20	Z	21	0	0	0	0	22	Y	23	N	24	X	25	G	0	8	0	26
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The general electric type CR105X auxiliary interlock was found to be binding thus

1 1 preventing the valve from electrically driving closed. This switch was cleaned

1 2 and lubricated per M.O. #3669 and subsequently operated satisfactorily.

1 3

1 4

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

FACILITY STATUS (28) F

% POWER (29) 0 9 0

OTHER STATUS (30) N/A

METHOD OF DISCOVERY (31) During surveillance test performance

DISCOVERY DESCRIPTION (32)

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 7 8 9 10 11

2 33 34

AMOUNT OF ACTIVITY (35)

N/A

44

LOCATION OF RELEASE (36)

N/A

45 80

PERSONNEL EXPOSURES									
NUMBER			TYPE	DESCRIPTION					
1	7	0	0	0	(37)	Z	(38)	N/A	

PERSONNEL INJURIES										
NUMBER				DESCRIPTION						
1	3	0	0	0	40	N/A				

1866 115

		LOSS OF OR DAMAGE TO FACILITY		
		TYPE	DESCRIPTION	(43)
1	2	3	4	
		Z	N/A	(42)

PUBLICATION		ISSUED		DESCRIPTION		NRC USE ONLY	
2	C	N	44	N/A			

NAME OF PREPARER Randy Mueller

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8002940

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Omaha Public Power District
Fort Calhoun Station Unit No. 1
Docket No. 05000285
LER 80-003


Attachment No. 1

Safety Analysis

The Fort Calhoun safety injection system is so designed such that no single failure can jeopardize the safe shutdown of the plant if required. The safeguards system at the Fort Calhoun Station is separated into two trains of systems either of which would provide adequate accident protection. The failure of a single RW circulation Actuation Valve does not degrade any of the safety analysis performed on Fort Calhoun Station Unit No. 1.

During the time HCV-383-4 was inoperable, the remaining/redundant safety injection and recirculation actuation valves was considered to be operable and available to perform their design function.

1866.116



Omaha Public Power District
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Attachment No. 2

Failure Data

This is the fifth failure of an auxiliary interlock switch on
a safety injection valve.

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