

LICENSEE EVENT REPORT

[illegible]

(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	3	1	1	1	1	4			5
LICENSEE CODE								LICENSE NUMBER										LICENSE TYPE					CAT			

CON'T

REPORT SOURCE: 01 50 61 05 01 00 02 18 55 68 71 11 11 13 78 81 81 12 12 27 88 90

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 During testing of the VIAS (Ventilation Isolation Actuation Signal), prior to a
0 3 radioactive gas release, lockout 86B1/VIAS did not trip. The relay was immediately
0 4 retested and tripped normally. The VIAS relays are checked prior to each gas
0 5 release and monthly by Surveillance Test.
0 6
0 7
0 8

SYSTEM CODE 0 7		CAUSE CODE S C 11		CAUSE SUBCODE E 12		COMPONENT CODE B 13		COMP SUBCODE R E L A Y X 14		VALVE SUBCODE A 15		Z 16	
LER NO REPORT NUMBER 17		EVENT YEAR 7 8		SEQUENTIAL REPORT NO. 0 3 5		OCCURRENCE CODE 0 3		REPORT TYPE L		REVISION NO. 0			
ACTION TAKEN X 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 A 25		COMPONENT MANUFACTURER G I O 8 0 26	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

The General Electric relay number 12HEA61C239 failed during testing. The relay was retested and found to be normally operational. Maintenance Order number 20116 was generated to further investigate the problem. The relay was fully operational when retested. The relays will continue to be checked by testing prior to each gas release and monthly by Surveillance Test.

FACILITY STATUS (28) H 1 5 9
 % POWER (29) 0 0 0 10 12 13
 OTHER STATUS (30) NA 44
 METHOD OF DISCOVERY (31) B 45
 DISCOVERY DESCRIPTION (32) Surveillance Test 46 90
 ACTIVITY CONTENT (35) 44
 RELEASED OF RELEASE (33) Z 1 5 9
 AMOUNT OF ACTIVITY (34) Z NA 10 12 13
 LOCATION OF RELEASE (36) NA 45 90

PERSONNEL EXPOSURES										
NUMBER			TYPE	DESCRIPTION (39)						
1	1	0	0	0	(37)	Z	(38)	NA		

PERSONNEL INJURIES		DESCRIPTION
NUMBER		
0	0	NA

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
LOSS OF OR DAMAGE TO FACILITY (43)																																																																																																			
TYPE DESCRIPTION																																																																																																			

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

ISSUED		DESCRIPTION		REMARKS	
2	2	N	4.2	STA	

NRC USE ONLY

7812200231 NAME OF P

NAME OF PREPARER

M. Core/G. Peterson

PHONE:

402-426-4011

LER 78-035
Omaha Public Power District
Fort Calhoun Station Unit No. 1
Docket No. 05000285

Attachment No. 1

Safety Analysis

The Engineered Safeguards system at the Fort Calhoun Station Unit No. 1 is so designed that no single failure can prevent the performance of a safety feature if required.

Even though relay 86B1/VIAS failed to operate when first tested, the redundant relay 86A1/VIAS was fully operational at the time and would have carried out the required function of 86B1/VIAS. At the time of the failure, the plant was in a refueling shutdown condition.

The relay has been rechecked in accordance with Maintenance Order number 20716 and found to be fully operational. This failure is considered to be an isolated failure and no further action is anticipated.

Relay was

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Attachment No. 2

Failure Data

This is the sixth reportable incident involving failure of engineered safeguards of this type. Refer also to Abnormal Occurrence 74-18

Abnormal Occurrence 75-3
Licensee Event Report 77-22
Licensee Event Report 77-26
Licensee Event Report 78-004

Althaus