

CONTROL BLOCK:

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0	1	M	N	M	N	P	1	2	0	0	1	-	0	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5	
7	8							14	15												25	26							30	57	CAT	58
LICENSING CODE		LICENSÉE CODE						LICENSE NUMBER										LICENSE TYPE														

CON'T

0	1
7	8

REPORT SOURCE

L	6	0	5	0	0	2	6	3	7	1	0	2	4	8	1	8	1	1	0	6	8	1	9	
60	61	DOCKET NUMBER						68	69	EVENT DATE						74	75	REPORT DATE						80

[02] During cold shutdown, a primary containment isolation system logic relay coil
[03] failed and the relay did not immediately go to the safe (tripped) state. The
[04] fuse was pulled to de-energize the relay and several minutes later, the relay did
[05] trip. Reported per T.S.6.7.B.1.i due to generic implications of similar failures
[06] of non safety-related relays. Redundant logic channels were operable. No effect
[07] on public health and safety.

0 8 | _____ 80

SYSTEM CODE 0 9		CAUSE CODE S I D 11		CAUSE SUBCODE A 13		COMP. SUBCODE F 15		VALVE SUBCODE Z 16	
7 8		9 10		12 13		14 15		16 17	
				SEQUENTIAL REPORT NO. 0 1 2 1		OCCURRENCE CODE 0 1		REPORT TYPE T	
				24 25 26		28 29		30 31	
ACTION TAKEN A 18		FUTURE ACTION F 19		EFFECT ON PLANT Z 20		SHUTDOWN METHOD Z 21		HOURS 0 0 0 0 22	
33 34		35 36		37 38 39 40		ATTACHMENT SUBMITTED N 23		NPRD-4 FORM SUB. Y 24	
						41 42		PRIME COMP. SUPPLIER N 25	
								COMPONENT MANUFACTURER 6 0 8 0 26	
								44 45 46 47	

1 0 Failure attributed to natural end of life. Relay is a G.E. type 12HFA51A49F

1 1 (Part No. 158B7031P003). Relay replaced in kind. Coils of normally energized

1 2 relays of this type in the reactor protection and primary containment isolation

1 3 systems will be replaced with an improved design during the current plant outage.

7 8 9

FACILITY STATUS		% POWER			OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
1	5	G	0	0	0	A	Operator observation
7	8	9	10	11	12	13	14

ACTIVITY CONTENT
RELEASED OF RELEASE

1 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

AMOUNT OF ACTIVITY (35)

LOCATION OF RELEASE (36)

PERSONNEL EXPOSURES									
NUMBER			TYPE	DESCRIPTION					
1	7	0	0	0	(37) Z (38) NA				

PERSONNEL INJURIES		DESCRIPTION	
NUMBER			
1	8	0	0
0	0	0	40
		NA	

1		2		3		4		5		6		7		8		9		10		11		12	
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1		2		3		4		5															

PUBLICITY
 ISSUED DESCRIPTION (45)
 2 0 N 44 NA
 NRC USE ONLY

NAME OF PREPARER M F Hammer

PHONE: 612-295-5151