

CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CON'T

0	1
7	8

REPORT SOURCE

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

012 DURING A SURVEILLANCE TEST ON THE AUTOMATIC LOAD SEQUENCE TIMING RELAYS, TWO RELAY
013 TIMERS WERE FOUND TO HAVE EXCEEDED THE TOLERANCE ALLOWED BY T.S.4.8.1.1.2.C.2.
014 THESE ARE SAFETY INJECTION SYSTEM TIMERS: THE SI PUMP 2N EXCEEDED THE MAXIMUM
015 ALLOWABLE TIME BY 0.04 SECONDS AND CCW PUMP 2E EXCEEDED THE MAXIMUM ALLOWABLE TIME
016 BY 3.68 SECONDS. PREVIOUS OCCURRENCES INCLUDE: 50-316/80-28: 79-54, 21 AND
017 50-315/80-16, 79-30.

08		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	
SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMP. SUBCODE		VALVE SUBCODE		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.		ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER																																																					
E G		E		A		M		Z		8 1		0 0 6		0 3		L		0		E		Z		Z		Z		0 0 0		N		Y		N		A 1 0 9																																																					

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 THE OUT-OF-SPECIFICATION VALUES OF THESE TWO TIMING RELAYS IS ATTRIBUTED TO INSTRUMENT

1 1 DRIFT. THE CCW PUMP 2E TIMER IS BEING REPLACED AS IT EXPERIENCED EXCESSIVE DRIFT THE

1 2 LAST TIME TESTED. THE SI PUMP 2N TIMER WAS READJUSTED TO WITHIN ALLOWABLE LIMITS.

1 3 THESE TIMERS ARE MANUFACTURED BY AGASTAT MODEL NUMBER 7012. AN ENGINEERING REVIEW

1 4 IS IN PROGRESS CONCERNING THE T.S. ALLOWANCES AND THIS TYPE OF RELAY TIMERS.

1 5 H (28) 0 0 0 (29) NA (30) B (31) SURVEILLANCE TEST (32)

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 Z 33 10 Z 34

7 8 9 11

AMOUNT OF ACTIVITY (35)

NA

44

LOCATION OF RELEASE (36)

NA

45 80

PERSONNEL EXPOSURES										
NUMBER				TYPE	DESCRIPTION					
1	7	0	0	0	(37) Z	(38) NA	(39)			
7	8	9	10	11	12	13	80			

PERSONNEL INJURIES
NUMBER DESCRIPTION

1	2	3	4	5	6	7	8	9	10	11	12
1	8	0	0	0	40	NA					

1		9		7		8		9		10		80	
LOSS OF OR DAMAGE TO FACILITY		TYPE		DESCRIPTION									
Z		42		NA									

PUBLICATION		ISSUED		DESCRIPTION		NRC USE ONLY														
2	0	N	(44)	NA																
7	8	9	10																	

NRC USE ONLY

NAME OF PREPARER

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