

LICENSEE EVENT REPORT

CONTROL BLOCK:

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(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 M I D C C 2 0 0 0 0 0 0 0 0 0 0 0 3 4 1 1 1 1 1 4 5
7 3 9 LICENSE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 37 CAT 38

CUN'T

REPORT SOURCE: 0 1 7 8

DOCKET NUMBER: L 6 0 5 0 0 0 3 1 5 7 0 6 0 3 8 1 8 0 7 0 1 8 1 9

EVENT DATE: 60 61 68 69 74 75

REPORT DATE: 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 DURING A SURVEILLANCE TEST ON THE AUTOMATIC LOAD SEQUENCE TIMING RELAYS, FIVE RELAY

0 3 TIMERS WERE FOUND TO HAVE EXCEEDED THE TOLERANCE ALLOWED BY TECHNICAL SPECIFICATION

0 4 4.8.1.1.2.b.6. THESE ARE ESF TIMERS: CTS PUMP 1W EXCEEDED THE MAXIMUM ALLOWABLE TIME

0 5 BY 0.38 SECONDS, CCW PUMP 1W EXCEEDED THE MAXIMUM ALLOWABLE TIME BY 2 SECONDS, ESW PUMP

0 6 1W EXCEEDED THE MAXIMUM ALLOWABLE TIME BY 0.05 SECONDS, CTS PUMP 1E EXCEEDED THE MAX-

0 7 IMUM ALLOWABLE TIME BY 0.92 SECONDS, AND ESW PUMP 1E EXCEEDED THE MAXIMUM ALLOWABLE TIME

0 8 BY 0.01 SECONDS. PREVIOUS OCCURRENCES INCLUDE: 50-316/81-06, (SEE ATTACHED SUPPLEMENT)

SYSTEM CODE E G 11		CAUSE CODE E 12		CAUSE SUBCODE A 13		COMPONENT CODE R E L A Y X 14		COMP. SUBCODE M 15		VALVE SUBCODE Z 16	
LER/RO REPORT NUMBER 17		EVENT YEAR 8 1 21 22		SEQUENTIAL REPORT NO. 0 1 5 24 26		OCCURRENCE CODE 0 3 28 29		REPORT TYPE L 30		REVISION NO. 0 32	
ACTION TAKEN A 18		FUTURE ACTION X 19		EFFECT ON PLANT Z 20		SHUTDOWN METHOD Z 21		HOURS 0 0 0 0 22		ATTACHMENT SUBMITTED Y 23	
NPRD-4 FORM SUB. Y 24		PRIME COMP. SUPPLIER N 25		COMPONENT MANUFACTURER A 1 0 9 26							

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

THE OUT OF SPECIFICATION VALUES OF THESE FIVE RELAY TIMERS IS ATTRIBUTED TO INSTRUMENT
DRIFT. THE CCW 1W RELAY TIMER WAS REPLACED DUE TO EXCESSIVE DRIFT AND LACK OF REPEAT-
ABILITY. THE CTS PUMP 1W, ESW PUMP 1W, CTS PUMP 1E AND ESW PUMP 1E RELAY TIMERS WERE
READJUSTED TO WITHIN ALLOWABLE LIMITS. THESE TIMERS ARE MANUFACTURED BY AGASTAT, MODEL
7012. AN ENGINEERING REVIEW IS IN PROGRESS TO EVALUATE (SEE ATTACHED SUPPLEMENT)

7 8 9 FACILITY STATUS 1 5 H 28 10 11 12 13 % POWER 0 0 0 29 14 15 16 17 OTHER STATUS NA 30 18 19 20 21 22 23 24 25 26 27 METHOD OF DISCOVERY B 31 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 DISCOVERY DESCRIPTION SURVEILLANCE TEST 32

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 Z 33 NA 35

7 8 9 10 11 44

AMOUNT OF ACTIVITY

45 90

LOCATION OF RELEASE 36

PERSONNEL EXPOSURES

NUMBER		TYPE		DESCRIPTION
1	7	0	0	37 Z 38 NA

PERSONNEL INJURIES	
NUMBER	DESCRIPTION
000	NA

1 9 Z (42) NA

8 9 10
PUBLICITY
ISSUED DESCRIPTION (45) NA
2 0 N (44) NA
B107140409 B10701
PDR ADOCK 05000315
S PDR
NRC USE ONLY

NRC USE ONLY

R. A. Palmer

616-465-5901

917-926

ATTACHMENT TO LER #81-015/03L-0

SUPPLEMENT TO EVENT DESCRIPTION

80-28, 79-54, 21 AND 50-315/8C-16, 79-30.

SUPPLEMENT TO CAUSE DESCRIPTION

THE TECHNICAL SPECIFICATION TOLERANCES AND THE TYPE OF RELAY TIMERS USED.