## LICENSEE EVENT REPORT

CONTROL BLO	OCK	N)
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CON'T REPORT SOURCE 60	6 0 5 0 0 0 3 1 1 6 7 1 12 12 12 18 12 8 0 1 1 1 1 9 1 8 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 9
	RCS IN MODE 6, DURING A SURVEILLANCE TEST ON THE DIESEL GENERATOR LOAD	D SHED-
O[3] DING, FIV	VE RELAY TIMERS WERE FOUND TO HAVE EXCEEDED THE TOLERANCE ALLOWED BY THE	ECHNICAL,
O 14   SPECIFICA	ATION 4.8.1.1.2.c.2. THESE RELAY TIMERS WERE NOT RECALIBRATED UNTIL 1	-18-83
O S WHEN THE	UNIT WAS IN MODE 3. THIS CONSTITUTED AN INOPERABLE A.C. ELECTRICAL PO	OWER
SOURCE AS	S REQUIRED BY TECHNICAL SPECIFICATION 3.8.1.1.b. THE PUBLIC HEALTH AND	D
SAFETY WE	ERE NOT AFFECTED.	- 1
OB 1		80
	SYSTEM CODE CODE SUBCODE SUBCO	
17) LER RO E	[8 3] [-] REPORT NO. CODE TYPE	1510N 10.
ACTION FUTURE TAKEN ACTION	ON PLANT METHOD HOURS (22) SUBMITTED FORM SUB. SUPPLIER MAN	MPONENT UFACTURER
13 X (	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	11019
THE OUT OF	OF SPECIFICATION VALUES OF THESE FIVE RELAY TIMERS (MANUFACTURED BY AG	ASTAT,
MODEL 701:	12) IS ATTRIBUTED TO INSTRUMENT DRIFT. ON 1-18-83 THE TIMERS WERE INDI	IVIDUAL-
LY RETEST	TED WITH THREE OF THE FIVE RELAYS FOUND TO BE WITHIN THE ALLOWABLE LIM	ITS.
THE REMAIN	INING TWO RELAYS WERE READJUSTED AND VERIFIED TO OPERATE WITHIN THE ALI	LOWABLE
	(SEE ATTACHED SUPPLEMENT)	
FACILITY STATUS	POWER OTHER STATUS 30 METHOD OF DISCOVERY DESCRIPTION 32	80
8 9 10	AMOUNT OF ACTIVITY 35 NA LOCATION OF RELEASE 36	30
PERSONNEL EX NUMBER 1 7 0 0 0 0	TYPE DESCRIPTION 39 NA NA	80
3 9	DESCRIPTION 41 NA	
LOSS OF OR DAMAG	AGE TO FACILITY (43) NA	80
PUBLICITY  ISSUED DESCRIP	8301280354 830119 PDR ADOCK 05000316 PDR PDR NRC USE	
8 9 10 NAME (	GB 89 69 616-465-5901	80-

## ATTACHMENT TO LER# 83-003 SUPPLEMENT TO CAUSE DESCRIPTION

THE OUT OF SPECIFICATION VALUES OF THESE FIVE RELAY TIMERS (MANUFACTURED BY AGASTAT, MODEL 7012) IS ATTRIBUTED TO INSTRUMENT DRIFT. ON JANUARY 18, 1983, THE TIMERS WERE INDIVIDUALLY RETESTED WITH THREE OF THE FIVE RELAYS FOUND TO BE WITHIN THE ALLOWABLE LIMITS. THE REMAINING TWO TIMERS: ESW PUMP 2E EXCEEDED THE MINIMUM ALLOWABLE TIME BY 0.37 SECONDS AND SI PUMP 2N EXCEEDED THE MINIMUM ALLOWABLE TIME BY 0.14 SECONDS DURING THE RETEST. THE TWO RELAY TIMERS WERE READJUSTED AND VERIFIED TO OPERATE WITHIN THE ALLOWABLE LIMITS.

THE RELAY TIMERS HAD BEEN CALIBRATED PRIOR TO THE SURVEILLANCE TEST ON DECEMBER 22, 1982, AND LEFT WITHIN SPECIFICATION. PAST HISTORY ON THESE AGASTAT RELAY TIMERS IS THAT THE TIMERS DO NOT REPEAT THEIR SET TIME CONSISTANTLY. A CONSCIOUS DECISION WAS MADE BY THE SUPERVISOR IN CHARGE NOT TO RECALIBRATE THE RELAYS SINCE THEY HAD JUST BEEN CALIBRATED PRIOR TO THE SURVEILLANCE TEST AND THE RECALIBRATION WOULD NOT ASSURE CONTINUED PERFORMANCE WITHIN REQUIRED TOLERANCES.

PRESENTLY AN ENGINEERING REVIEW IS BEING CONDUCTED ON A NEW TYPE OF SOLID STATE RELAY. DEPENDING ON THE RESULTS OF THIS REVIEW, THE EXISTING RELAY TIMERS MAY BE REPLACED.