NRC FORM 366 (7-77)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

CONTROL BLOCK: [| | | | |] (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

Line	Field	Value
0 1	LICENSEE CODE (2)	N C B E P 2
	LICENSE NUMBER (3)	0 0 - 0 0 0 0 0 - 0 0
	LICENSE TYPE (4)	4 1 1 1 1
	CAT (5)	
CON'T 0 1	REPORT SOURCE (6)	L
	DOCKET NUMBER (7)	0 5 0 - 0 3 2 4
	EVENT DATE (8)	0 8 1 0 8 2
	REPORT DATE (9)	0 8 2 3 8 2

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 While performing a technical review of the periodic test for Control Building high
0 3 chlorine ventilation isolation, it was determined that two dampers in the Control
0 4 Building Ventilation System do not receive a "close" signal upon the detection of
0 5 chlorine. Both units were shut down at the time this problem was identified. The
0 6 health and safety of the public were not affected by this event.
0 7 Technical Specifications 3.3.5.5, 6.9.1.8i
0 8

0 9	SYSTEM CODE (11)	CAUSE CODE (12)	CAUSE SUBCODE (13)	COMPONENT CODE (14)	COMP. SUBCODE (15)	VALVE SUBCODE (16)
	S G	B	A	V A L V E X	B	D

LER/RO REPORT NUMBER (17)	EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
	8 2	—	0 8 4	/	0 1	T	—	0

ACTION TAKEN (18)	FUTURE ACTION (19)	EFFECT ON PLANT (20)	SHUTDOWN METHOD (21)	HOURS (22)	ATTACHMENT SUBMITTED (23)	NPRD-4 FORM SUB. (24)	PRIME COMP. SUPPLIER (25)	COMPONENT MANUFACTURER (26)
F	Z	Z	Z	0 0 0 0	Y	N	A	X 9 9 9

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 This problem appears to have been a design problem originating back to initial design.
1 1 Plant modifications are being developed and will be installed prior to either units
1 2 start up to correct this problem.
1 3
1 4

1 5	FACILITY STATUS (28)	% POWER (29)	OTHER STATUS (30)	METHOD OF DISCOVERY (31)	DISCOVERY DESCRIPTION (32)
	G	0 0 0	NA	C	Technical Review

1 6	ACTIVITY RELEASED (33)	CONTENT OF RELEASE (34)	AMOUNT OF ACTIVITY (35)	LOCATION OF RELEASE (36)
	Z	Z	NA	NA

PERSONNEL EXPOSURES

1 7	NUMBER (37)	TYPE (38)	DESCRIPTION (39)
	0 0 0	Z	NA

PERSONNEL INJURIES

1 8	NUMBER (40)	DESCRIPTION (41)
	0 0 0	NA

LOSS OF OR DAMAGE TO FACILITY (43)

1 9	TYPE (42)	DESCRIPTION
	Z	NA

PUBLICITY

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

8208300110 820823
PDR ADOCK 05000324
S PDR

NAME OF PREPARER R. M. POULK, JR. PHONE: 919-457-9521

LER ATTACHMENT 2-82-84

Facility: BSEP Unit No. 2 Event Date: August 10, 1982

As part of an ongoing review of testing procedures for technical adequacy, it was determined that Control Building ventilation dampers, 2J-D-CB (exhaust plenum suction for the emergency SBGTs) and 2L-D-CB (normal ventilation makeup), would remain "as is" on an isolation signal for high chlorine. These dampers should close to isolate the Control Room from the detected chlorine. The normal configuration for these dampers is one open and one shut, depending on the mode of ventilation (normal/emergency recirculation). No other problems were identified with the high chlorine logic.

Engineering is preparing a modification which will cause these dampers to close on a detected high chlorine signal. Our A/E, United Engineers & Constructors, was contacted on this deficiency and it appears that this was a design inadequacy during initial design.