NRC FOF	IM 366	LICENSEE	EVENT REPORT	U. S. NUCLEAR REGULATORY COMMISSIO	NC
•		LICENSEL			
	CONTROL BLOCK:		(PLEASE PRINT OF	R TYPE ALL REQUIRED INFORMATION	
	N C B E P 1 2 0 9 LICENSEE CODE 14	0 0 - 0 0 0 LICENSE N		3 4 1 1 1 1 1 6 57 CAT 58 5	
	REPORT L G 0 5 0 SOURCE 60 61 D	OCKET NUMBER 68 DOCKET NUMBER 68 LE CONSEQUENCES 10	69 EVENT DATE	8 2 8 0 2 1 8 8 2 9 74 75 REPORT DATE 80	
0 2	During plant operation,	the accumulator	low pressure/h	igh level alarm annunciator	_
03	was received for the hy	draulic control	unit (HCU) to c	ontrol rod 38-47. In	_
04	[accordance with technic	al specification	as, control rod	38-47 was declared inoperable.	_
0 5	This event did not affe	ct the health an	nd safety of the	public.	_
06	L	Technical	Specifications	3.1.3.1, 3.1.3.5, 6.9.1.9b	
07	L				
	L				80
09	$ \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} $ } \\ \end{array} \\ \end{array} } \\ \end{array} \\ \end{array} } \\ \end{array} \\ } \\ \end{array} \\ } \\ } \\ } \\ \end{array} \\ } \\	$ \underbrace{12}_{12} \underbrace{12}_{12} \underbrace{12}_{12} \underbrace{13}_{13} \underbrace{13}_{1$		$ \begin{array}{c} \begin{array}{c} COMP. \\ SUBCODE \\ 18 \\ 18 \\ 18 \\ SENCE \\ REPORT \\ \end{array} \begin{array}{c} COMP. \\ SUBCODE \\ SUBCODE \\ 20 \\ 20 \\ 20 \\ \end{array} \begin{array}{c} VALVE \\ SUBCODE \\ 20 \\ 20 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\$	
	$\begin{array}{c} \text{TAKEN} & \text{ACTION} & \text{ON PLANT} \\ \hline C \\ 33 \\ \hline 33 \\ \hline 18 \\ 34 \\ \hline 34 \\ \hline 19 \\ \hline 2 \\ 35 \\ \hline 20 \\ \hline 35 \\ \hline \end{array}$	$\begin{bmatrix} Z \\ 36 \end{bmatrix} (21) \begin{bmatrix} 0 \\ 37 \end{bmatrix} (21)$		THE FILL PROPERTY AND A DESCRIPTION OF A	R 0_26) 47
1101	CAUSE DESCRIPTION AND CORRECT [Failed open switch cont	-	umulator high le	vel switch, Cl1-LDSH-129, Model	1
	<u></u>			switch, Cll-PSL-130, Barkdale	
12	Co. Model No. BITA32SS,	being slightly	out of calibrat	ion caus d the annunciation.	
13	LDSH-129 was replaced,	PSL-130 was reca	alibrated and th	e HCU and control rod were	_
14	returned to service.				80
15	FACILITY STATUS 9 (28) 0 8 3 (29) 10 12 13	OTHER STATUS 30 1		Operational Event	80
	CTIVITY CONTENT	NT OF ACTIVITY 35	45	LOCATION OF RELEASE 36	80
17	PERSONNEL EXPOSURES NUMBER 0 0 0 37 38	~		NA	
7 8	9 PERSONNEL INJURIES NUMBER DESCRIPTION (41)				80
1 8	$\begin{bmatrix} 0 & 0 & 0 \\ 0 & 11 \\ 0 \end{bmatrix} \begin{bmatrix} 40 \\ 12 \\ 0 \end{bmatrix}$		NA		80
19	LOSS OF OR DAMAGE TO FACILITY (43) TYPE DESCRIPTION (43)		NA		1
7 8	9 10 PUBLICITY ISSUED DESCRIPTION (45)			NRC USE ONLY	80
20	N (44)		NA		1-92
820308 PDR AI S	30301 820218 DOCK 05000325 PDR	4. J. Pastva, J.	r.	68 69 (919) 457-9521 PHONE:	80 6 04

LER ATTACHMENT - RO #1-82-15

Facility: BSEP Unit No. 1

Event Date: January 22, 1982

During plant operation, an accumulator low pressure/high level alarm annunciator for the hydraulic control unit (HCU) to control rod 38-47 was received. In accordance with technical specifications, the control rod was then declared inoperable. An investigation by plant technicians revealed the HCU high water level switch, C11-LDSH-129, Gems Co. Model No. LS-23910, had failed open switch contacts. In addition, the HCU low pressure switch C11-PSL-130, Bardsda'e Co. Model No. BITA32SS, was found out of calibration. Either failure would have caused the alarm annunciation. The investigation was unable to determine the component failure sequence which resulted in the level switch failure. The pressure switch being out of calibration is attributed to instrument drift.

In accordance with plant maintenance instructions, a new, duplicate HCU level switch was installed in place of the failed one and was returned to service. The HCU pressure switch was calibrated in accordance with plant procedures and returned to service. The HCU was then determined operable and control rod 38-47 was declared operable and returned to normal service.

A review of plant documentation shows this event is an isolated operating failure and no further corrective action in response to this event is required or planned.