

LICENSEE EVENT REPORT

CONTROL BLOCK: _____ (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	N	C	B	E	P	1	2	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4	5		
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		
LICENSEE CODE														LICENSE NUMBER						LICENSE TYPE JO					57 CAT 58				

0	1	L	6	0	5	0	-	0	3	2	5	7	0	2	1	9	8	1	8	0	3	2	0	8	1	9		
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		
CON'T		REPORT SOURCE											DOCKET NUMBER						EVENT DATE					REPORT DATE				

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | During the performance of ECCS Reactor Low Pressure Channel Calibration and Functional
 0 3 | Test, PT 3.1.14PC, switch number 1 of reactor pressure switch, 1-B21-PS-N021D, model
 0 4 | number 288 would not actuate. On 3-17-81 during the functional test of this switch,
 0 5 | PT 3.1.14P, it again would not actuate. This switch provides an open signal to the
 0 6 | LPCI injection valve and a RHR pump start at 410 psig + 15 psig in conjunction with
 0 7 | > 2 psig in the drywell. This event did not affect the health or safety of the public.
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 0 9 | _____
 1 0 | _____
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 5 0 | _____

0	9	I	B	11	B	12	A	13	I	N	S	T	R	U	14	S	15	Z	16	8	1	-	0	3	0	/	0	3	L	-	0	17	B	18	C	19	Z	20	Z	21	0	0	0	0	Y	23	Y	24	N	25	B	0	8	0	26
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		COMPONENT CODE						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											

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | Both events resulted from the switch actuation screw out of adjustment. After the
 1 1 | first event, the screw was readjusted and the instrument calibrated, declared oper-
 1 2 | able and returned to operation. Following the 3-17-81 event, the switch actuation
 1 3 | linkage was adjusted to provide a normal operating band and the switch was calibrated,
 1 4 | declared operable and returned to operation.
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1	5	F	28	0	9	6	29	NA	30	B	31	Periodic Test	32	NA	33	Z	34	NA	35	NA	36	NA	37	Z	38	NA	39	NA	40	NA	41	Z	42	NA	43	NA	44	NA	45	NA	46	NA	47	NA	48	NA	49	NA	50
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						
FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION												ACTIVITY CONTENT		AMOUNT OF ACTIVITY		LOCATION OF RELEASE		PERSONNEL EXPOSURES NUMBER		TYPE		DESCRIPTION		PERSONNEL INJURIES NUMBER		DESCRIPTION		LOSS OF OR DAMAGE TO FACILITY TYPE		DESCRIPTION		PUBLICITY ISSUED		DESCRIPTION							

Facility: BSEP Unit No. 1

Event Date: 2-19-81

Both of these events resulted from the NO21D instrument switch number 1 actuation screw out of adjustment. After the first event the switch adjustment screw was readjusted and the instrument was recalibrated according to plant procedures and returned to service. Following the 3-17-81 event, an investigation determined that the actuation screw adjustment band was not sufficient to allow for operation of the switch within its calibration range, taking into account normal instrument drift encountered by the instrument. The switch actuation linkage and the switch actuation screw were then readjusted to allow sufficient linkage movement and reaction with the screw to permit calibration of the instrument closer to the center of its specified operating band. The switch was then recalibrated and returned to operation.

A review of the calibration records for this instrument shows that from 8-7-78 up to the 2-19-81 event, no switch out of adjustment or failure to operate events had occurred. This instrument is presently on a quarterly calibration and monthly functional test schedule to ensure proper maintenance and operation.

As a result of the 3-17-81 event, the NO21D instrument will be calibrated weekly for the next month to ensure no further problems exist with its proper operation. This and other similar instruments are scheduled to be replaced with analog type instrumentation during the next Unit No. 1 outage, which is expected to prevent future occurrences similar to that reported here.