

LICENSEE EVENT REPORT

CONTROL BLOCK: 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	N	C	B	E	P	2	2	0	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	35							
LICENSEE CODE														LICENSE NUMBER										LICENSE TYPE JO										CAT 58	

CONT

0	1	L	6	0	5	0	-	0	3	2	4	7	0	9	0	5	8	0	8	1	0	0	3	8	0	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	34				
REPORT SOURCE		DOCKET NUMBER										EVENT DATE										REPORT DATE									

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 During normal surveillance, the "Reactor Low Water Level Initiation" annunciator

0 3 alarmed while all reactor level indications showed normal readings. An immediate

0 4 investigation revealed the annunciator RPS actuation relay, K7A, was picked up by

0 5 reactor level indication switch, 2-B21-LIS-NO31A-1, therefore the "A" RPS trip channel

0 6 was manually tripped as required by technical specifications. This event did not

0 7 affect the health or safety of the public.

Technical Specifications 3.3.3, 6.9.1.9b

0	9	I	B	11	B	12	B	13	I	N	S	T	R	U	14	S	15	Z	16				
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26				
SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE										COMP. SUBCODE		VALVE SUBCODE					
17		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE										REPORT TYPE		REVISION NO.					
18		19		20		21										22		23					
ACTION TAKEN		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS										ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER	
24		25		26		27										28		29		30		31	
32		33		34		35										36		37		38		39	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 An extensive investigation revealed that excess wire protruding past the switch

1 1 termination was grounded to the switch housing cover. The excess wire was trimmed to

1 2 prevent contact with the switch housing cover and the switch and the relay were re-

1 3 turned to normal operation.

1	5	C	28	0	0	2	29	NA	A	31	Operator Surveillance	32
7	8	9	10	11	12	13	14	15	16	17	18	19
FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION				

1	6	Z	33	Z	34	NA	NA	36
7	8	9	10	11	12	13	14	15
ACTIVITY RELEASED		CONTENT RELEASED		AMOUNT OF ACTIVITY		LOCATION OF RELEASE		

1	7	0	0	0	37	2	38	NA
7	8	9	10	11	12	13	14	15
PERSONNEL EXPOSURES NUMBER		TYPE		DESCRIPTION				

1	8	0	0	0	40	NA
7	8	9	10	11	12	13
PERSONNEL INJURIES NUMBER		DESCRIPTION				

1	9	2	42	NA
7	8	9	10	11
LOSS OF OR DAMAGE TO FACILITY TYPE		DESCRIPTION		

2	0	N	44	8010100 332	NA
7	8	9	10	11	12
PUBICITY ISSUED DESCRIPTION		NRC USE ONLY			

NAME OF PREPARER A. C. TOLLISON, JR.

PHONE: 919-457-9521

LER ATTACHMENT - RO #2-80-64

Facility: BSEP Unit No. 2

Event Date: 9-5-80

The excess wire protruding past the switch termination of 2-B21-LIS-N031A-1 was grounded to the switch housing cover.

It is believed a spurious ground in the plant DC electrical system, positive side, produced a closed loop in the relay electrical flowpath that allowed a current flow to bypass the switch contacts and pickup the K7A relay. The K7A relay, which is normally picked up by 2-B21-LIS-N031A, performed all its required functions, therefore this event occurred in the conservative direction.

The calibration P.T. for this type level switch will be revised to inspect for sufficient clearance between the switch terminal strip and the switch housing cover.

These type switches are functionally tested on a monthly basis and are calibrated quarterly to ensure dependable operability.

This instrumentation is scheduled for replacement with analog-type instrumentation during a future outage.