NRC FORM 366
(7-77)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

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

0 1	LICENSEE CODE	N C B E P 1 (2)
	LICENSE NUMBER	0 0 - 0 0 0 0 0 - 0 0 (3)
	LICENSE TYPE	4 1 1 1 1 (4)
	CAT	(5)

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 During plant operation, while performing RPT System reactor low water level no. 2

0 3 channel calibration and functional test, PT-A5, 1B reactor recirculation pump tripped

0 4 when plant technicians inadvertently actuated ATWS-RPT instrument, 1-B21-LTM-N025B-2.

0 5 Following a determination of the cause of the event, the pump was restarted and

0 6 reactor power was returned to that prior to the trip. The pump was out of service a

0 7 total of 35 minutes. This event did not affect the health and safety of the public.

0 8 Technical Specifications 3.41.1., 6.9.1.9b

0 9	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
	I B (11)	A (12)	C (13)	I N S T R U (14)	T (15)	Z (16)

(17) LER/RO REPORT NUMBER	EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
	8 2	—	0 3 3	/	0 3	L	—	0

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS (22)	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
X (18)	X (19)	Z (20)	Z (21)	0 0 0 0	Y (23)	Y (24)	A (25)	R 3 6 9 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Plant technicians misinterpreted the PT procedure and unknowingly bypassed redundant

1 1 instrument N024B-2 rather than N025B-2, which was under test, resulting in actuation

1 2 of N025B-2 when a test signal was applied. Involved personnel were counseled on the

1 3 importance of proper interpretation of test procedures. A review of maintenance

1 4 procedures is in progress to identify and correct misleading instructions.

1 5	FACILITY STATUS	% POWER	OTHER STATUS (30)	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
	E (28)	0 8 3 (29)	NA	B (31)	Periodic Test

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

PERSONNEL EXPOSURES

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

PERSONNEL INJURIES

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

LOSS OF OR DAMAGE TO FACILITY (43)

1 9	TYPE	DESCRIPTION
	Z (42)	NA

PUBLICITY

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

8204080070 820323
PDR ADOCK 05000325
S PDR

NAME OF PREPARER Jr. PHONE: (919) 457-9521

LER ATTACHMENT - RO #1-82-33

Facility: BSEP Unit No. 1 Event Date: February 22, 1982

During plant operation, while performing RPT System reactor low water level number 2 channel calibration and functional test, PT-A5, plant technicians inadvertently actuated ATWS-RPT instrument, 1-B21-LTM-N025B-2, Rosemount Model No. 510DU, resulting in a trip of 1B reactor recirculation pump.

This event occurred due to misinterpretation of a section of the PT procedure which requires bypassing the low level/high pressure signal input to the N025B-2. Plant technicians mistakenly associated bypass switch position B, for redundant instrument N024B-2, as the required bypass switch position for N025B-2. The bypass switch position for N025B-2 is identified in the PT procedure as switch position D. As a result, actuation of N025B-2 occurred when a test signal was applied to it with the N024B-2 instrument bypassed.

After the cause of this event was determined, the incurred trip signal was reset and the pump was restarted. The PT was then satisfactorily completed. The involved plant technicians have been counseled on the importance of proper procedure interpretation. In addition, a review of maintenance procedures is in progress to identify and correct misleading test instructions.