

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

09		SYSTEM CODE S D		11	CAUSE CODE X		12	CAUSE SUBCODE Z		13	COMPONENT CODE V A L V E X				14	COMP. SUBCODE G		15	VALVE SUBCODE D		16					
7	8	9	10		11		12								18				20							
17		LER/RO REPORT NUMBER		EVENT YEAR 8 2		21	22	SEQUENTIAL REPORT NO. 1 3 0		24	26	OCCURRENCE CODE 0 3		28	29	REPORT TYPE L		30	REVISION NO. 0		32					
ACTION TAKEN X		18	FUTURE ACTION X		19	EFFECT ON PLANT Z		20	SHUTDOWN METHOD Z		21	HOURS 0 0 0 0		22	ATTACHMENT SUBMITTED Y		23	NPRD-4 FORM SUB. Y		24	PRIME COMP. SUPPLIER A		25	COMPONENT MANUFACTURER D 2 3 2		26
33		34				35				36					40				42						47	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

7	8	9											80		
FACILITY STATUS			% POWER			OTHER STATUS			METHOD OF DISCOVERY			DISCOVERY DESCRIPTION			
1	5	E	0	7	5	NA	C	Special Investigation Testing							
2	6	28	10	12	29	44	31	45	46				81		

Fig. 1

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 Z 33 Z 34 1.1

Fig. 2

AMOUNT OF ACTIVITY NA 35

LOCATION OF RELEASE 36

NA 45 80

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

PERSONNEL INJURIES		8212140159 821206	
NUMBER	DESCRIPTION	PDR	ADOCK 05000325
000	(40)	S	PDR

7		8	9	11		12		
LOSS OF OR DAMAGE TO FACILITY				DESCRIPTION				
1	9	Z	(42)			NA		

7 8 9 10 PUBLICITY
ISSUED DESCRIPTION (45) NA NRC USE ONLY

PHONE: 919-457-9521

LER ATTACHMENT - RO #1-82-130

Facility: BSEP Unit No. 1

Event Date: November 4, 1982

During plant operation, 1B reactor recirculation pump tripped concurrent with the receipt of the ATWS high reactor pressure/low level trip annunciation (LER 1-82-122). While performing the channel calibration and functional test of the reactor low water level instrument, B21-LT-N024A, to determine the instrumentation operability, instrument penetration isolation valve 1-B21-F042A automatically closed. Closure of the valve, located at RIP X-82B, rendered inoperable the "A" channel of RPS high pressure instrumentation (B21-PT-N023A&B), the "A" channel ECCS and diesel generator low level instrumentation (B21-LTM-N031A&C), and the "A" channel of inputs from level instruments B21-LTM-N024A&B for RPT and PCIS, as this valve is the isolation for the reference leg to this instrumentation.

While testing RPT instrument 1-B21-LT-N024A-2, a momentary high flow condition was sensed by F042A. N024A had been isolated in accordance with the procedure by closing normally open reference and variable sensing leg manifold isolation valves to the instrument and opening the normally closed instrument manifold isolation valves from the instrument to the instrument test tank. When the tank was vented to atmosphere, a momentary high flow condition occurred, resulting in the F042A automatic closure. Immediately following the isolation, N024A was returned to its normal lineup for operation, the isolation signal to F042A was reset, and the valve was reopened within 15 minutes of the event. This reestablished the operability of all affected instrumentation due to closing of F042A. In addition, operability of all plant ECCS, RCIS, RPT, and diesel generators was reestablished.

As a result of this event, all instrument manifold isolation valves fed from PCIV 1-B21-F042A will be leak tested during the upcoming Unit No. 1 refueling outage and repaired or replaced as necessary to ensure proper isolation capability of the affected instrumentation.