NRC FOR (7-77)	M 366 U. S. NUCLEAR REGULATORY COMMISSION
	CONTROL BLOCK:
	$ \underbrace{\left[\begin{array}{c c} N & C & B & E & P & 2 \\ 9 & \text{LICENSEE CODE} & 14 \\ 15 & \text{LICENSE NUMBER} \end{array} \right] \xrightarrow{6} \underbrace{\left[\begin{array}{c} 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & - \\ 25 \\ 26 & \text{LICENSE TYPE} \\ 30 & \text{LICENSE TYPE \\ 30 & \text{LICENSE TYPE} \\ 30 & \text{LICENSE TYPE} \\ 30 & LICENSE TYPE \\ 30 & \text{LICENSE TY$
CON'T	REPORT SOURCE L GO 5 0 - 0 3 2 4 7 1 0 0 7 8 2 3 1 1 0 5 8 2 9 EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10
0 2	While performing the channel calibration and functional test of PCIS/ATWS-RPT trans-
03	mitter instrumentation, PT-A22.1, reactor recirculation pump 2A tripped when a test
0 4	signal was applied to ATWS/RPT instrument, 2-B21-LT-N024A-1. Following a determina-
0 5	tion of the cause of the trip, the pump was restarted and power was returned to that
06	prior to the trip. The pump was out of service for 20 minutes. This event did not
0 7	affect the health and safety of the public.
08	Technical Specifications 3.3.6.1, 3.4.1.1, 6.9.1.9b
09 7 8	SYSTEM CAUSE CAUSE COMPONENT CODE COMPONENT CODE SUBCODE SUBCO
	Image: Note of the second se
	ACTION FULURE EFFECT SHUTDOWN HOURS 22 ATTACHMENT FORM SUB. PRIME COMP. COMPONENT MANUFACTURER G 18 X 19 B 20 Z 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
10	The event occurred because the PT did not provide for shutting the NO24A-1 instrument
1 1	manifold valves when a test signal was applied to the instrument, causing ATWS/RPT
1 2	instrument, 2-B21-LT-N024A-2, to initiate the pump trip. The PT procedure was
1 3	temporarily revised to provide for shutting the NO24A-1 instrument isolation valves
14 7 8	and the PT was satisfactorily completed.
15	CILITY STATUS Ne power OTHER STATUS Image: Construction of the status Other status Office of the status Discovery Discovery Discovery description Image: Construction of the status 9 10 12 13 44 45 46 Periodic Test 80
	CTIVITY CONTENT ELEASED OF HELEASE AMOUNT OF ACTIVITY 35 Z 33 Z 34 NA 45 LOCATION OF RELEASE 36 NA 45 80
	PERSUNAL EXPOSURES NUMBER TYPE DESCRIPTION (39)
7 B.	9 PERSONNEL INITIBLES 13 8211150171 821105 80
1 8	
19	LOSS OF OR DAMAGE TO FACILITY (43) TYPE DESCRIPTION NA
7 8	9 10 PUBLICITY ISSUED DESCRIPTION (45) NRC USE ONLY
2 0	NA 9 10 NA 68 69 80 5
	NAME OF PREPARER M. J. Pastva, Jr. PHONE 919-457-9521

Facility: BSEP Unit No. 2

Event Date: October 7, 1982

This event occurred because the test procedure associated with channel calibration and functional test of PCIS/ATWS transmitter instrumentation, PT-A22.1, did not provide for sufficient isolation of the instrumentation under test. The test procedure required isolating PCIS/ATWS RPT instrument 2-B21-LT-N024A-1 at the instrument isolation root valves. However N024A-1 shares common instrument root isolation valves with ATWS/RPT instrument 2-B21-LT-N024A-2. As a result, when a test signal was applied to N024A-1, actuation of N024A-2 occurred causing reactor recirculation pump 2A to trip on simulated low reactor level. Following this event, the PT was temporarily revised to provide for isolating N024A-1 by shutting the instrument's manifold isolation valves to prevent an applied test signal to it from actuating N024A-2. The PT was then satisfactorily completed. A permanent revision to PT-A22.1 reflecting the subject procedure change will be made and implemented prior to the next required performance of this PT on both units.