

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Peach Bottom Atomic Power Station - Unit 2										DOCKET NUMBER (2) 05000277				PAGE (3) 1 OF 3					
TITLE (4) ECCS (HPCI, RCIC) Actuation Signal																			
EVENT DATE (5)			LER NUMBER (6)				REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)									
MONTH	DAY	YEAR	YEAR	SEQUENCE NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES				DOCKET NUMBER(S)						
0	5	1	6	8	4	8	4	0	0	9	0	0	6	1	5	0	0	0	0
OPERATING MODE (9)			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5. (Check one or more of the following) (11)																
POWER LEVEL (10)			20.402(b)				20.406(a)				<input checked="" type="checkbox"/> 80.73(a)(2)(iv)				73.71(b)				
0			20.406(a)(1)(i)				80.36(a)(1)				<input type="checkbox"/> 80.73(a)(2)(v)				73.71(a)				
			20.406(a)(1)(ii)				80.36(a)(2)				<input type="checkbox"/> 80.73(a)(2)(vi)				OTHER (Specify in Abstract below and in Test, NRC Form 306A)				
			20.406(a)(1)(iii)				80.73(a)(2)(i)				<input type="checkbox"/> 80.73(a)(2)(vii)(A)								
			20.406(a)(1)(iv)				80.73(a)(2)(ii)				<input type="checkbox"/> 80.73(a)(2)(vii)(B)								
			20.406(a)(1)(v)				80.73(a)(2)(iii)				<input type="checkbox"/> 80.73(a)(2)(ix)								
LICENSEE CONTACT FOR THIS LER (12)																			
NAME B. L. Clark, Senior Engineer - Special Projects										TELEPHONE NUMBER AREA CODE 215 841-5017									
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																			
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC									
SUPPLEMENTAL REPORT EXPECTED (14)												EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR			
YES (If yes, complete EXPECTED SUBMISSION DATE)												<input checked="" type="checkbox"/> NO							

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single space typewritten lines) (16)

Abstract: 2-84-09

On May 16, 1984, during present refueling outage while applying a block for the Unit 2 main steam relief valve vacuum breakers, both power supplies for the 'A' ECCS channel logic had their feeds removed. As a result, a false low-low reactor level initiation signal caused HPCI and RCIC to try to start.

Both power supply feeds were restored and the block was revised.

1622  
Y1

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (8)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		84	009	00	02	OF	03

TEXT (if more space is required, use additional NRC Form 366A (17))

Description of the Event:

On May 16, 1984, during refueling outage, work was to be performed on the main steam relief valve vacuum breakers. An approved blocking sequence, specifically for the vacuum breakers, did not exist. A block was developed that removed the feeds for the MSR/V vacuum breakers. However, the block also removed both the AC and the DC feeds to the ECCS 'A' channel logic. The block could have been written to have isolated only the equipment at the vacuum breakers.

When the permit was applied, the breakers at the 20Y35 panel (120 VAC) and the 20D23 panel (125 VDC) were both opened. Removing both ECCS power supplies isolated the equipment that was to be worked on, but also caused the 'A' and 'C' reactor level transmitter outputs to decrease. As the level signal decreased past the -48" setpoint, HPCI and RCIC received a start signal.

Consequences of the Event:

Since the unit was in the refueling mode with no steam pressure in the reactor vessel, the initiating of HPCI and RCIC was of no consequence since the HPCI and RCIC turbines were isolated and could not operate because of low steam pressure. The blocking of this logic would not be required other than in a cold shutdown condition.

Cause of the Event:

The cause of the ECCS actuation was the unnecessary removal of both 120 VAC and 125 VDC power feeds to the 'A' ECCS channel logic when the feed was removed from the MSR/V vacuum breakers.

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES 8/31/85

FACILITY NAME (1)  Peach Bottom Atomic Power Station - Unit 2	DOCKET NUMBER (2)  0500027784	LER NUMBER (6)			PAGE (3)  03 of 03		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		84	009	00			

TEXT (if more space is required, use additional NRC Form 265A) (17)

Corrective Actions:

Both power supplies which had been inadvertently removed were restored. The block was revised to allow for the independent blocking of the MSRV vacuum breakers.

PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

P.O. BOX 8699

PHILADELPHIA, PA. 19101

(215) 841-4000

June 15, 1984

Docket No. 50-277

Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

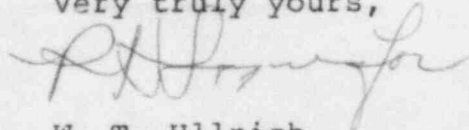
SUBJECT: Licensee Event Report

This LER deals with an ECCS (HPCI, RCIC) actuation signal caused by an error in a blocking sequence.

Reference:	Docket No. 50-277
Report Number:	2-84-09
Revision Number:	00
Event Date:	May 16, 1984
Report Date:	June 15, 1984
Facility:	Peach Bottom Atomic Power Station RD #1, Box 208, Delta, PA 17314

This LER is submitted pursuant to the requirements of 10 CFR 50.73(a)(2)(IV).

Very truly yours,



W. T. Ullrich  
Superintendent  
Nuclear Generation Division

cc: Dr. Thomas E. Murley, Administrator  
Region I, USNRC

Mr. A. R. Blough, Site Inspector

IE22  
11