

LICENSEE EVENT REPORT (LER)

APPROVED OMB NO. 3160-0104
EXPIRES - 6/31/85FACILITY NAME (1)
Peach Bottom Atomic Power Station - Unit 3

DOCKET NUMBER (2)

0 5 0 0 0 2 7 8

PAGE (3)

1 OF 3

TITLE (4)

Unit 3 HPCI System Inoperability

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)																				
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAME		DOCKET NUMBER (8)																		
0	6	0	2	8	4	8	4	-	0	0	7	-	0	0	0	7	0	2	8	4			0	5	0	0	0		

OPERATING MODE (9)

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)

POWER LEVEL (10) 0 0 0	<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.406(a)	<input type="checkbox"/> 60.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)
	<input type="checkbox"/> 20.406(a)(1)(i)	<input type="checkbox"/> 60.36(a)(1)	<input checked="" type="checkbox"/> 60.73(a)(2)(v)	<input type="checkbox"/> 73.71(a)
	<input type="checkbox"/> 20.406(a)(1)(ii)	<input type="checkbox"/> 60.36(a)(2)	<input type="checkbox"/> 60.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Test, NRC Form 366A)
	<input type="checkbox"/> 20.406(a)(1)(iii)	<input type="checkbox"/> 60.73(a)(2)(i)	<input type="checkbox"/> 60.73(a)(2)(vii)(A)	
	<input type="checkbox"/> 20.406(a)(1)(iv)	<input type="checkbox"/> 60.73(a)(2)(ii)	<input type="checkbox"/> 60.73(a)(2)(viii)(B)	
<input type="checkbox"/> 20.406(a)(1)(v)	<input type="checkbox"/> 60.73(a)(2)(iii)	<input type="checkbox"/> 60.73(a)(2)(ix)		

LICENSEE CONTACT FOR THIS LER (12)

NAME

B. L. Clark, Senior Engineer, Special Projects

TELEPHONE NUMBER

AREA CODE

21 5 8 4 1 5 0 1 7

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
A	BJ			N					

SUPPLEMENTAL REPORT EXPECTED (14)

EXPECTED SUBMISSION DATE (15)

MONTH DAY YEAR

YES (If yes, complete EXPECTED SUBMISSION DATE)

X NO

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

Abstract: 3-84-07

On June 2, 1984, at approximately 8:05 a.m., with Unit 3 at zero percent power level, the High Pressure Coolant Injection (HPCI) system was made inoperable for maintenance work with the reactor pressure greater than 105 psig. At the time of the event, RCIC was out-of-service due to the inoperability of the inboard isolation valve. In less than 2 hours time, the reactor pressure was reduced below 105 psig and HPCI was no longer required by Tech. Specs. to be operable. Unit 3 was in the process of being placed in the Cold Shutdown condition at the time of the event and was in such a condition within 24 hours. The cause of the event was the failure of operations personnel to realize that making HPCI inoperable would lead to a Tech. Spec. Limiting Condition for Operation. The individual involved was counseled on the importance of adhering to Tech. Specs.

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PDR ADOCK 05000276
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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 3

DOCKET NUMBER (2)

0 5 0 0 0 2 7 8

LER NUMBER (5)

YEAR

SEQUENTIAL
NUMBERREVISION
NUMBER

84

- 0 0 7

- 0 0

PAGE (3)

0 2 OF 0 3

TEXT (If more space is required, use additional NRC Form 368a (17))

Description of the Event:

On June 2, 1984, at approximately 8:05 a.m., with Unit 3 at zero percent power level, the High Pressure Coolant Injection (HPCI) system was made inoperable to perform maintenance work with the reactor pressure greater than 105 psig. Unit 3 was in the process of being placed in the Cold Shutdown condition at the time of the event. Tech. Spec. 3.5.C.2 allows HPCI to be made inoperable with a reactor pressure greater than 105 psig providing the Automatic Depressurization System (ADS), Reactor Core Isolation Cooling (RCIC), Low Pressure Coolant Injection (LPCI), and Core Spray (CS) systems are operable. At the time of the event, the RCIC system was also out-of-service due to the inoperability of the inboard isolation valve.

Consequences of the Event:

Unit 3 was at zero percent power level and in the process of being placed in the Cold Shutdown condition. Within two hours, the reactor pressure was reduced below 105 psig and HPCI and RCIC were no longer required to be operable in accordance with Tech. Specs. Also, Unit 3 was in the Cold Shutdown condition within 24 hours as required by Tech. Spec. 3.5.C.3. At the time of the event, the reactor was at approximately 200 psig with the pressure being reduced slowly by way of the turbine bypass valves. At this pressure, in the event of a small break loss of coolant accident (HPCI design basis), coolant makeup to the reactor vessel was available using the condensate system. Had the condensate system become unavailable, the Core Spray and LPCI systems were available to provide any necessary core cooling, since reactor pressure was less than pump discharge head.

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 3

DOCKET NUMBER (2)

05000278

LER NUMBER (6)

YEAR

SEQUENTIAL

REVISION

PAGE (3)

NUMBER

NUMBER

84-007-0003

OF 03

TEXT (If more space is required, use additional NRC Form 368a) (17)

Cause of the Event:

The cause of the event was the result of individual personnel error in that he failed to realize that making HPCI inoperable at a reactor pressure greater than 105 psig would lead to a Tech. Spec. Limiting Condition for Operation.

Corrective Actions:

Upon recognition of the error, HPCI was made operable within 1 hour from the time of the event. The individual (a Shift Superintendent) who made the decision to make HPCI inoperable was counseled on the extreme importance of strictly adhering to the requirements of the Technical Specifications.

PHILADELPHIA ELECTRIC COMPANY

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(215) 841-4000

July 2, 1984

Docket No. 50-278

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Washington, DC 20555

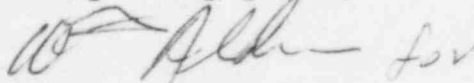
SUBJECT: Licensee Event Report

This LER deals with the inoperability of the High Pressure Coolant Injection (HPCI) system on Unit 3.

Reference:	Docket No. 50-278
Report Number:	3-84-07
Revision Number:	00
Event Date:	June 2, 1984
Report Date:	July 2, 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)(v).

Very truly yours,



R. H. Logue
Superintendent
Nuclear Services

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

Mr. A. R. Blough, Site Inspector

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