

LICENSEE EVENT REPORT (LER)

APPROVED OMB NO. 3160-0104
EXPIRES - 9/31/03

FACILITY NAME (1) Peach Bottom Atomic Power Station - Unit 3 DOCKET NUMBER (2) 0 5 0 0 0 0 2 7 8 PAGE (3) 1 OF 0 2

TITLE (4) 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(S)											
0	1	0	1	8	5	0	1	0	3	1	8	5	0	5	0	0	0	0	0	0	0	0

OPERATING MODE (9) N THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5. (Check one or more of the following) (11)

20.402(w)	20.406(x)	60.73(a)(2)(iv)	73.71(w)
20.406(a)(1)(ii)	20.406(a)(1)(i)	60.73(a)(2)(v)	73.71(x)
20.406(a)(1)(iv)	20.406(a)(2)	60.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Test, NRC Form 306A)
20.406(a)(1)(iii)	60.73(a)(2)(ii)	60.73(a)(2)(vii)(A)	
20.406(a)(1)(iv)	60.73(a)(2)(iv)	60.73(a)(2)(viii)(D)	
20.406(a)(1)(v)	60.73(a)(2)(iii)	60.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME J. C. Nagle, Engineer - Special Projects TELEPHONE NUMBER 211 5 84 11 - 15 18 14

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFAC TURE	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFAC TURE	REPORTABLE TO NRC
X	BJ	I N V T	T 24 8	Y					

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE) NO

EXPECTED SUBMISSION DATE (15)

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

Abstract: 3-85-01

On January 1, 1985, with Unit 3 at 85 percent power, the inverter supplying power to the High Pressure Coolant Injection (HPCI) instrumentation failed. HPCI was immediately declared inoperable until the failed inverter was replaced. The HPCI system was returned to service within one-half hour of the event.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) Peach Bottom Atomic Power Station - Unit 3	DOCKET NUMBER (2) 0 5 0 0 0 2 7 8	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		85	0 0 1	0 0	0 2	OF 10 2

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

Description of the Event:

On January 1, 1985, at 1750 with Unit 3 at 85 percent power, the control room operators received the HPCI inverter power failure alarm. HPCI was immediately declared inoperable and surveillance testing was initiated in accordance with Technical Specification surveillance requirement 4.5.C.2. The Unit 3 HPCI was returned to service at 1818 January 1, 1985, following inverter replacement, and the surveillance testing of the other Core Standby Cooling System (CSCS) systems was terminated.

Consequences of the Event:

Following the inverter failure, HPCI was declared inoperable and the required surveillance testing was initiated. The inverter was replaced and the HPCI system was expeditiously returned to operable status. Total down time of the HPCI system was less than one-half hour. Although surveillance testing of the other CSCS systems was not completed, no other CSCS problems were identified.

Cause of the Event:

Examination of the Topaz Electronics inverter, model number N250-GWR-125-60-115, revealed that the cause of the event was the failure of three 14,000 microfarad capacitors. The inverter failure circuitry performed as designed to annunciate the inverter failure.

Corrective Actions:

The Unit 3 HPCI inverter was replaced and the HPCI system was returned to service within twenty-eight minutes.

PHILADELPHIA ELECTRIC COMPANY

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January 31, 1985

Docket No. 50-278

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U.S. Nuclear Regulatory Commission
Washington, DC 20555

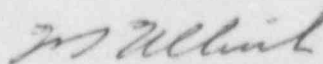
SUBJECT: Licensee Event Report
Peach Bottom Atomic Power Station - Unit 3

This LER concerns the inoperability of the High Pressure Coolant Injection (HPCI) system on Peach Bottom Unit 3.

Reference:	Docket No. 50-278
Report Number:	3-85-01
Revision Number:	00
Event Date:	January 1, 1985
Report Date:	January 31, 1985
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,



W. T. Ullrich
Superintendent
Nuclear Generation Division

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

Mr. T. P. Johnson, Resident Inspector

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