

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)
Peach Bottom Atomic Power Station - Unit 2

DOCKET NUMBER (2)
05000277

PAGE (3)
1 OF 03

TITLE (4)
Inadvertent Isolations When Plant Operation Repositioned a Fuse

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 (9)
01	25	86	86	005	00	02	24	86			05000
<small>THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §. (Check one or more of the following) (11)</small>											

OPERATING MODE (10) N	20.402(b)	20.406(e)	<input checked="" type="checkbox"/>	80.736(i)(1)(iv)	73.716(i)
POWER LEVEL (10) 000	20.406(w)(1)(iv)	80.36(i)(1)	<input type="checkbox"/>	80.736(i)(1)(v)	73.716(j)
	20.406(w)(1)(iv)	80.36(i)(2)	<input type="checkbox"/>	80.736(i)(1)(vi)	OTHER (Specify in Abstract below and in Test, NRC Form 366A)
	20.406(w)(1)(iv)	80.736(i)(1)(iv)	<input type="checkbox"/>	80.736(i)(1)(vii)	
	20.406(w)(1)(iv)	80.736(i)(1)(iv)	<input type="checkbox"/>	80.736(i)(1)(viii)	
	20.406(w)(1)(iv)	80.736(i)(1)(iv)	<input type="checkbox"/>	80.736(i)(1)(ix)	

LICENSEE CONTACT FOR THIS LER (12)
W. C. Birely, Senior Engineer - Licensing Section

TELEPHONE NUMBER
215 841 7504

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)
 YES (If yes, complete EXPECTED SUBMISSION DATE)

EXPECTED SUBMISSION DATE (15)
MONTH: | DAY: | YEAR: |

ABSTRACT (Limit to 1000 words, i.e., approximately fifteen single-space typewritten lines) (16)

Abstract: 2-86-05

Shutdown cooling and head spray isolations occurred on January 25, 1986 at 1645 hours while fuse 16A-F16 in panel 20C42 was being repositioned. At the time of the event, Unit 2 was shutdown. Shutdown cooling was promptly restored and there were no adverse consequences.

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PDR ADOCK 05000277
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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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

Unit Conditions Prior to Event

0% Reactor Power
Shutdown Mode

Description of the Event:

While clearing a permit on the outboard main steam isolation valves, a nonlicensed plant operator noticed that fuse 16A-F16 in panel 20C42 was misaligned. When he loosened the fuse to slide it into the proper position at 1645 hours on January 25, 1986, shutdown cooling and head spray isolations occurred. Fuse 16A-F16 feeds a Primary Containment Isolation System (PCIS) logic circuit which, when de-energized, causes these isolations. The shutdown cooling isolation valves MO-2-10-17 and MO-2-10-18, closed and the 'B' Residual Heat Removal (RHR) pump tripped. The head spray isolation valves, MO-2-10-32 and MO-2-10-33, were in the closed position.

The EIIS codes for the affected systems are JM, PCIS, and BO, RHR system.

Consequences of the Event:

There were no adverse consequences of this event. The PCIS logic functioned properly and shutdown cooling was promptly restored.

Cause of the Event:

When the operator repositioned the fuse electrical continuity was momentarily interrupted in the PCIS logic. Momentary de-energization of the relay fed by fuse 16A-F16 in the PCIS logic caused the isolation signal.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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

Corrective Actions:

The isolation and pump trip were promptly reset and shutdown cooling was restored at approximately 1700 hours on January 25, 1986. The operator has been instructed about the need to report abnormalities to his supervision before taking corrective action that may disrupt plant operations.

Previous Similar Occurrences:

None.

PHILADELPHIA ELECTRIC COMPANY

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February 24, 1986

Docket No. 50-277

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Washington, DC 20555

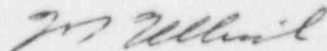
SUBJECT: Licensee Event Report
Peach Bottom Atomic Power Station - Unit 2

This LER concerns an inadvertent shutdown cooling and head spray isolation while Unit 2 was shutdown.

Reference: Docket No. 50-277
Report Number: 2-86-05
Revision Number: 00
Event Date: January 25, 1986
Report Date: February 24, 1986
Facility: Peach Bottom Atomic Power Station
RD 1, Box 208, Delta, PA 17314

This LER is being 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
T. P. Johnson, NRC Resident Inspector

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