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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED O: 8 HQ. 3150-0104

EXPIRES 8/31/86

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (3)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		85	029	00	02	OF	03

Peach Bottom Atomic Power
Station - Unit 3

0500027885-029-0002 OF 03

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

Unit Condition Prior to Event:0% Power
Shutdown ModeDescription of the Event:

On December 13, 1985 at 0025 hours the Reactor Water Cleanup (RWCU) system isolated and the pump tripped.

This event was caused by a blown fuse in the RWCU system. The fuse was replaced, isolation reset and the RWCU system was restored to service at approximately 0110 hours. The RWCU system was out-of-service for approximately 45 minutes.

The EIIS code for the affected system is JM, PCIS, and CE, RWCU system. The EIIS code for the failed component is FU, fuse.

Consequences of the Event:

Primary coolant system water chemistry was not adversely affected by the brief RWCU system isolation; consequently, the safety significance of this event is minimal.

Cause of the Event:

Power is supplied through fuse 12A-F1 to the RWCU recirculation pump cooling water and non-regenerative heat exchanger outlet temperature indicating switches (TIS 12-99 and TIS 12-89A, B and C). These switches interface with the RWCU logic system and the Primary Containment Isolation System. When the instruments are de-energized, the control logic causes the operating pumps to trip and the system to isolate. Therefore, the blown fuse caused the design action. No logic system abnormalities were found which would have caused the fuse to blow.

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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 (8)			PAGE (3)		
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TEXT (if more space is required, use additional NRC Form 365a) (17)

Corrective Actions:

Investigation for the cause of the event began promptly and the blown fuse was replaced. The isolation and pump trip were reset, and the RWCU system was restored to service.

Previous Similar Occurrences:

LER 2-84-05 concerned an event caused by a blown fuse in the PCIS logic.

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January 13, 1986

Docket No. 50-278

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

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

This LER describes an isolation of the Reactor Water Cleanup System due to a fuse failure.

Reference:	Docket No. 50-278
Report Number:	3-85-29
Revision Number:	00
Event Date:	December 13, 1985
Report Date:	January 13, 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
Mr. T. P. Johnson, Resident Inspector

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