



PEACH BOTTOM—THE POWER OF EXCELLENCE

**PHILADELPHIA ELECTRIC COMPANY**

PEACH BOTTOM ATOMIC POWER STATION

R. D. 1, Box 208  
Delta, Pennsylvania 17314

(717) 456-7014

February 18, 1991

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 concerns a missed hourly fire watch patrol due to personnel error.

Reference:	Docket No. 50-278
Report Number:	3-91-002
Revision Number:	00
Event Date:	01/21/91
Report Date:	02/18/91
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)(1)(B).

Sincerely,

cc: J. J. Lyash, USNRC Senior Resident Inspector  
T. T. Martin, USNRC, Region I

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PDR ADOCK 05000278  
S PDR

bcc: R. A. Burricelli, Public Service Electric & Gas  
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# LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) <b>Peach Bottom Atomic Power Station - Unit 3</b>	DOCKET NUMBER (2) <b>0 5 0 0 0 2 7 8</b>	PAGE (3) <b>1 OF 3</b>
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TITLE (4)  
**Hourly Fire Watch Patrol Missed Due to Personnel Error**

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)
										<b>0 5 0 0 0</b>
<b>0 1</b>	<b>2 1</b>	<b>9 1 9 1</b>		<b>0 0 2</b>		<b>0 1</b>	<b>2 1</b>	<b>8 9 1</b>		<b>0 5 0 0 0</b>

OPERATING MODE (9) <b>N</b>	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5 (Check one or more of the following) (11)				
POWER LEVEL (10) <b>0 0 0</b>	<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.405(e)	<input type="checkbox"/> 50.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)	
	<input type="checkbox"/> 20.405(a)(1)(i)	<input type="checkbox"/> 50.36(a)(1)	<input type="checkbox"/> 50.73(a)(2)(v)	<input type="checkbox"/> 73.71(c)	
	<input type="checkbox"/> 20.405(a)(1)(ii)	<input type="checkbox"/> 50.36(a)(2)	<input type="checkbox"/> 50.73(a)(2)(vi)	OTHER (Specify in Abstract Below and in Text, NRC Form 396A)	
	<input type="checkbox"/> 20.405(a)(1)(iii)	<input checked="" type="checkbox"/> 50.73(a)(1)	<input type="checkbox"/> 50.73(a)(2)(vii)(A)		
	<input type="checkbox"/> 20.405(a)(1)(iv)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 50.73(a)(2)(vii)(B)		
<input type="checkbox"/> 20.405(a)(1)(v)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 50.73(a)(2)(ix)			

LICENSEE CONTACT FOR THIS LER (12)

NAME <b>A. A. Pulvio, Regulatory Engineer</b>	TELEPHONE NUMBER
	AREA CODE: <b>7 1 7</b> NUMBER: <b>4 5 6 - 7 0 1 4</b>

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)

<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE) <input checked="" type="checkbox"/> NO	EXPECTED SUBMISSION DATE (15) MONTH:     DAY:     YEAR:
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ABSTRACT: Limit to 7400 spaces, i.e., approximately 9 lines; shall be typewritten lines (16)

On January 21, 1991, between 1116 hours and 1857 hours, the hourly Fire Watch Patrol for a Unit 3 'B' Residual Heat Removal (RHR) Fire Damper was not performed due to personnel error. During a verbal shift briefing with the Shift Security Coordinator and the Nuclear Security Section Lead Protection Technician, the Lead Protection Technician closed out the wrong fire watch patrol for the Unit 3 'B' RHR Fire Damper.

To prevent recurrence an effective system of communication was established on a shift-to-shift basis between the Shift Security Coordinator and the Lead Protection Technicians for additions or deletions to Fire Watch Patrols. No previous similar events were identified.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		9 1	0 0 2	0 0 0	2	OF	0 3

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

Requirements for the Report

This report is required per 10 CFR 50.73(a)(2)(i)(B) due to a Fire Watch Patrol not being performed when required by Technical Specifications.

Unit Condition at Time of Event

Unit 3 was in start-up mode. There were no systems, structures, or components that were inoperable that contributed to this event.

Description of Event

On January 21, 1991 the hourly Fire Watch Patrol required by Technical Specification 3.14.D for a Unit 3, 'B' Residual Heat Removal (RHR) Fire Damper was not performed by the designated roving Fire Watch due to personnel error. This deficiency was discovered during a shift briefing with the Shift Security Coordinator and the Lead Protection Technician, Nuclear Security Section at 1830 hours.

Unit 3 'B' RHR Fire Damper impairment was taken off of the hourly Fire Watch Patrol by the previous Lead Protection Technician (contractor, non-licensed), who mistakenly closed out the wrong Fire Watch Patrol subsequent to a verbal briefing with the Shift Security Coordinator.

As a result of closing out the wrong Fire Watch Patrol, the round for a Unit 3 'B' RHR Fire Damper was discontinued. The last round conducted was at 1116 hours. The round was resumed at 1857 hours.

Although the Fire Watch Patrol was missed, Plant personnel were working in the vicinity of the 'B' RHR Fire Damper.

Cause of the Event

The cause of the event was personnel error due to ineffective communication between the Shift Security Coordinator and the lead Protection Technician whereupon the wrong impairment was mistakenly closed out. The verbal briefing between the Shift Security Coordinator and the Lead Protection Technician consisted of reviewing all open and closed impairments for Fire Systems. As a result of the briefing the wrong impairment was mistakenly closed out. The Lead Protection Technician notified the Protection Technician conducting the Fire Watch rounds that the impairment was closed out, and the patrol for that area could be discontinued. The patrol was discontinued, with the last patrol having been conducted at 1116 hours on January 21, 1991. The patrol was resumed at 1857 hours on January 21, 1991, after the discrepancy was identified.

Analysis

The significance of this event is considered minimal, due to the fact that during the time that no Fire Watch Patrol was roving the area, plant personnel were in the area working and could have immediately identified and reported a fire.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
					0   3	OF 0   3

TEXT (If more space is required, use additional NRC Form 388A's) (17)

Corrective Action

An effective means of communication was established on a shift-to-shift basis between the Shift Security Coordinator and the Lead Protection Technician for additions or deletions to Fire Watch Patrols.

Previous Similar Events

No previous similar LERs were identified involving incorrect deletion of Fire Watch Patrols.