

LICENSEE EVENT REPORT (LER)

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

DOCKET NUMBER (2)
0 5 0 0 0 2 1 7 7

PAGE (3)
1 OF 0 3

TITLE (4)
Technical Specifications Required Surveillance Not Performed Due To An Inadequate Procedure

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 NAMES	DOCKET NUMBER (S)	
0 8	1 9	8 8	8 8	0 1	8	0 0	0 9	1 9	8 8	Peach Bottom Unit 3	0 5 0 0 0 2 1 7 8
											0 5 0 0 0 1 1 1

OPERATING MODE (9) N

POWER LEVEL (10) 0 0 0

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

<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.406(a)	<input type="checkbox"/> 20.73(a)(2)(i)(A)	<input type="checkbox"/> 73.71(b)
<input type="checkbox"/> 20.406(a)(1)(i)	<input type="checkbox"/> 20.406(a)(2)	<input type="checkbox"/> 20.73(a)(2)(i)(B)	<input type="checkbox"/> 73.71(a)
<input type="checkbox"/> 20.406(a)(1)(ii)	<input checked="" type="checkbox"/> 20.406(a)(2)(i)	<input type="checkbox"/> 20.73(a)(2)(iv)	OTHER (Specify in Abstract per part in Text, NRC Form 302)
<input type="checkbox"/> 20.406(a)(1)(iii)	<input type="checkbox"/> 20.406(a)(2)(ii)	<input type="checkbox"/> 20.73(a)(2)(iv)(A)	
<input type="checkbox"/> 20.406(a)(1)(iv)	<input type="checkbox"/> 20.406(a)(2)(iii)	<input type="checkbox"/> 20.73(a)(2)(iv)(B)	
<input type="checkbox"/> 20.406(a)(1)(v)	<input type="checkbox"/> 20.406(a)(2)(iv)	<input type="checkbox"/> 20.73(a)(2)(v)	

LICENSEE CONTACT FOR THIS LER (12)

NAME: T. E. Cribbe, Regulatory Engineer

TELEPHONE NUMBER: 7 1 1 7 4 5 1 6 1 - 1 7 1 0 1 1 4

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS

SUPPLEMENTAL REPORT EXPECTED (14)

YES (if you complete EXPECTED SUBMISSION DATE) NO

EXPECTED SUBMISSION DATE (15)

MONTH	DAY	YEAR

ABSTRACT (Limit to 1400 characters, i.e., approximately 17 lines single-space typewritten lines) (16)

On July 27, 1988, with Unit 2 in cold shutdown and Unit 3 in the refuel mode with the core offloaded, non-licensed utility personnel, while reviewing Technical Specifications and Surveillance Tests (ST) in preparation for a modification, determined that ST-10.5, RWM Operability Check, did not verify the rod block function of the Rod Worth Minimizer (RWM) as required by Technical Specifications section 4.3.B.3.b.1.c. On August 19, 1988, it was determined that no other site procedures verified the RWM rod block function and that this event was reportable per 10CFR50.73(a)(2)(i)(B).

An investigation by plant personnel revealed that ST-10.5 had originally contained a step requiring the verification of the rod block function of the RWM, but that it had been deleted by a revision dated 7/12/76. Interviews with personnel involved were conducted, but the reason for deletion could not be determined.

ST-10.5 is being revised to include a step verifying the rod block function of the RWM. This revision will be completed by 10/31/88.

There have been no previous LER's regarding the deletion of Technical Specifications required surveillance from procedures.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) Peach Bottom Atomic Power Station Unit 2	DOCKET NUMBER (2) 0500027788	LER NUMBER (6)			PAGE (3)	
		YEAR 88	SEQUENTIAL NUMBER 018	REVISION NUMBER 010	02	OF 03

TEXT (if more space is required, use additional NRC Form 368A's) (17)

Requirement for the Report

This report is required per 10CFR50.73(a)(2)(i)(B) because a surveillance required by the Technical Specifications was not being performed.

Units Status at Time of Event

Unit 2 was in cold shutdown and Unit 3 was in the refuel mode with the core offloaded.

Description of the Event

On July 27, 1988, non-licensed utility personnel, while reviewing Technical Specifications and Surveillance Tests (ST) in preparation for a modification, determined that ST-10.5, RWM Operability Check, did not verify the rod block function of the Rod Worth Minimizer (RWM) (EIIS:JC) as required by Technical Specifications section 4.3.B.3.b.1.c. This section states, "the rod block function of the RWM shall be verified by withdrawing the first rod during startup only as an out-of-sequence control rod no more than to the block point." On 8/19/88, it was determined that no other site procedures satisfied this requirement and that this event was reportable.

The RWM ensures that a predetermined sequence for control rod movement is adhered to at low power levels by initiating a "select error" annunciator if an out of sequence rod is selected, and by applying insert and withdraw blocks to prevent the movement of out of sequence control rods. ST-10.5 verifies the operability of the "select error" alarm as required by Technical Specifications 4.3.B.3.b.1.b, but failed to verify the rod block function as required by 4.3.B.3.b.1.c.

Cause of Event

An investigation by plant personnel revealed that ST-10.F had originally contained a step requiring the verification of the rod block function of the RWM, but that it had been deleted by a revision dated 7/12/76. Interviews conducted with personnel involved revealed that software modifications to the RWM and successive hardware changes to the Rod Sequence Control System (RSCS) (EIIS:JC) were in progress at the time and that the deletion was not inadvertent. It could not, however, be determined why the deletion occurred. The fact that there have been no previously identified similar events indicates that this was an isolated event.

Analysis of Event

There were no actual or potential safety consequences resulting from this event. Although the rod block function of the RWM was not being verified by ST-10.5, the sequence error alarm was, and would have alerted the operator if an out-of-sequence rod was selected during startup. Additionally, the redundancy added by the RSCS would aid in the prevention of withdrawal of out-of-sequence control rods.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		YEAR 8 8	SEQUENTIAL NUMBER - 0 1 8	DIVISION NUMBER - 0 0	0 3	OF 0 3

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

Corrective Actions

ST-10.5, RWM Operability Check, is being revised, and will be approved by 10/31/88.

Since this event is considered to be an isolated event, no further corrective actions are anticipated.

Previous Similar Events

There have been no previous LER's regarding the deletion of Technical Specifications required surveillance from procedures.



PEACH BOTTOM—THE POWER OF EXCELLENCE

D. M. Smith
Vice President

PHILADELPHIA ELECTRIC COMPANY

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September 19, 1988

Docket No. 50-277

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

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

This LER concerns a Technical Specifications surveillance requirement which was not being completed due to a procedural inadequacy.

Reference: Docket No. 50-277
Report Number: 2-88-18
Revision Number: 00
Event Date: 08/19/88
Report Date: 09/19/88
Facility: Peach Bottom Atomic Power Station
RD 1, Box 208A, Delta, PA 17314

This LER is being submitted pursuant to the requirements of 10 CFR 50.73(a)(2)(i)(B).

Very truly yours,

cc: W. T. Russell, Administrator, Region 1, USNRC
T. P. Johnson, NRC Senior Resident Inspector
T. E. Magette, State of Maryland
I&PO Records Center

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