

LICENSEE EVENT REPORT (LER)

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

TITLE (4) Cable Spreading Room Cardox System Out-of-Service Without Cont. Fire-Watch

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		
0	7	1984	84	014	00	0	8	1984	0 5 0 0 0		

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

OPERATING MODE (9) N	20.402(b)	20.406(e)	60.736(12)(iv)	72.716)
POWER LEVEL (10) 1.00	20.406(a)(1)(ii)	60.36(a)(1)	60.736(12)(v)	72.716)
	20.406(a)(1)(iv)	60.36(a)(2)	60.736(12)(vi)	OTHER (Specify in Abstract below and in Test, NRC Form 364)
	20.406(a)(1)(iii)	X 60.736(12)(ii)	60.736(12)(vii)(A)	
	20.406(a)(1)(iv)	60.736(12)(i)	60.736(12)(viii)	
	20.406(a)(1)(v)	60.736(12)(iii)	60.736(12)(ix)	

LICENSEE CONTACT FOR THIS LER (12) B. L. Clark, Senior Engineer - Special Projects TELEPHONE NUMBER 2 15 8 4 1 7 5 0 1 7

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 so, complete EXPECTED SUBMISSION DATE) X NO EXPECTED SUBMISSION DATE (15)

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

Abstract: 2-84-14

On February 10, 1984, a continuous firewatch was needed in the Cable Spreading Room because of separate Technical Specification requirements dealing with both a non-functional fire barrier and an out-of-service cardox system. On June 20, 1984, the Commission approved a Technical Specification Amendment which allowed for an hourly firewatch instead of a continuous firewatch in areas with non-functional fire barriers. In an effort to reduce the number of personnel serving as continuous firewatches within the plant as a result of the on-going seal upgrade program, an hourly firewatch was established in several areas including the Cable Spreading Room on July 1, 1984.

As a result of a defect in the firewatch accounting system, on July 16, 1984 the continuous firewatch was removed from the cable spreading room without realizing that it was still needed due to an out-of-service Cardox System. On July 19, 1984, the continuous firewatch was re-established. The procedure which deals with the removal of firewatches and the firewatch log sheets which account for firewatches, will be modified to prevent recurrence.

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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's) (17)

Description of the Event:

On July 28, 1983, as a result of finding a defective fire barrier in the Cable Spreading Room, a continuous firewatch was established, as required by Technical Specification 3.14.D.3. On February 10, 1984, due to problems with the cardox suppression system in the Cable Spreading Room, a continuous firewatch was also required by Technical Specification 3.14.B.4. On June 20, 1984, a Technical Specification Amendment was approved by the Commission which modified Technical Specification 3.14.D.3. This amendment revised the non-functional fire barrier action statement to include the same firewatch options stated in the Standard Technical Specifications, which permits an hourly firewatch patrol in areas with operable fire detectors. As a result of Peach Bottom's ongoing seal upgrade program, numerous rooms throughout the plant had had a continuous firewatch posted prior to the Technical Specification Amendment.

On July 1, 1984, to reduce the number of personnel conducting continuous firewatches due to non-functional barriers, an hourly firewatch was established in all the Battery and Switchgear Rooms, the corridor west of the Switchgear Rooms, the west wall of the Control Room at Elevation 165 (Emergency Shutdown Panel Area), and the Cable Spreading Room.

On July 16, 1984, the continuous fire watch was removed from the Cable Spreading Room due to the misunderstanding that the continuous firewatch was in the Cable Spreading Room only for barrier problems. On July 19, 1984, Shift Supervision realized that a continuous firewatch was still needed because the Cardox System was out-of-service, and re-established a continuous firewatch in the area.

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

Consequences of the Event:

The Cable Spreading Room has an elaborate smoke detection system comprised of 25 detectors strategically located around the room to detect a fire in a timely manner. In addition, during the time of the event from July 16, 1984 to July 19, 1984, there was an hourly firewatch established for the Cable Spreading Room, whereby a dedicated individual walked through the Cable Spreading each hour. For the reasons stated above, the consequences of the event are considered minimal.

Cause of the Event:

As a result of the on-going seal upgrade program, numerous rooms through out the plant had required fire watches. The shift personnel used firewatch log sheets to record the location of firewatches and the reason for their existence. On July 16, 1984, when shift personnel reviewed the firewatch log sheets, they failed to realize that the continuous firewatch in the Cable Spreading Room was needed for both non-functional barriers and an out-of-service Cardox System. The cause of the event was that the firewatch log sheets were not organized to easily account for and detect multiple reasons for a single firewatch.

Corrective Actions:

On July 19, 1984, a continuous firewatch was re-established in the Cable Spreading Room. The firewatch log sheets will be modified to make it easier for shift personnel to account for multiple reasons for a single firewatch. In addition, the procedure used to establish and remove firewatches will be modified to reference the firewatch log sheets and to provide greater detail on the requirements needed prior to the removal of a firewatch. These revisions will be completed by October 31, 1984.

PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET
P.O. BOX 8699
PHILADELPHIA, PA. 19101
(215) 841-4000

August 17, 1984

Docket No. 50-277

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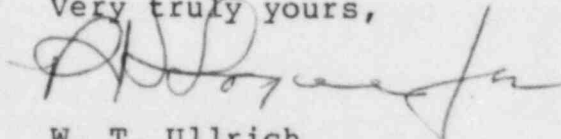
SUBJECT: Licensee Event Report

This LER deals with the Cable Spreading Room Cardox System being out of service without a continuous fire watch.

Reference:	Docket No. 50-277
Report Number:	2-84-14
Revision Number:	00
Event Date:	July 19, 1984
Report Date:	August 17, 1984
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)(i)(B).

Very truly yours,



W. T. Ullrich
Superintendent
Nuclear Generation Division

cc: Dr. Thomas E. Murley, Administrator
Mr. A. R. Blough, Site Inspector

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