

PHILADELPHIA ELECTRIC COMPANY

PEACH BOTTOM ATOMIC POWER STATION

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DELTA, PA 17314

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KEN POWERS  
PLANT MANAGER

April 7, 1993

Docket Nos. 50-277  
50-278

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

SUBJECT: Licensee Event Report  
Peach Bottom Atomic Power Station - Units 2 and 3

This LER concerns a snowstorm which resulted in site inaccessibility.

Reference:	Docket Nos. 50-277 50-278
Report Number:	2-93-006
Revision Number:	00
Event Date:	03/14/93
Report Date:	04/07/93
Facility:	Peach Bottom Atomic Power Station RD1, Box 208, Delta, PA 17314

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

Sincerely,

cc: R. A. Burricelli, Public Service Electric & Gas  
W. P. Dornsife, Commonwealth of Pennsylvania  
INPO Records Center  
J. J. Lyash, US NRC Senior Resident Inspector  
T. T. Martin, US NRC, Region I  
R. I. McLean, State of Maryland  
C. D. Schaefer, DelMarVa Power  
H. C. Schwemm, VP - Atlantic Electric

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## LICENSEE EVENT REPORT (LER)

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.6 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-530), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1)

Peach Bottom Atomic Power Station - Unit 2 and 3

DOCKET NUMBER (2)

0 5 0 0 0 2 7 7 1 OF 0 3

PAGE (3)

TITLE (4)

Snowstorm Results in Inaccessibility of Site

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)
03	14	93	93	006	00	04	07	93	Peach Bottom - Unit 3	0 5 0 0 0 2 7 8
										0 5 0 0 0
OPERATING MODE (9)			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5. (Check one or more of the following) (11)							
N			20.402(b)			20.405(c)			50.73(a)(2)(iv)	
POWER LEVEL (10)			20.405(a)(1)(i)			50.36(c)(1)			50.73(a)(2)(v)	
0.6, 0			20.405(a)(1)(ii)			50.36(c)(2)			50.73(a)(2)(vi)	
			20.405(a)(1)(iii)			50.73(a)(2)(i)			50.73(a)(2)(vii)(A)	
			20.405(a)(1)(iv)			50.73(a)(2)(ii)			50.73(a)(2)(viii)(B)	
			20.405(a)(1)(v)			X 50.73(a)(2)(iii)			50.73(a)(2)(ix)	
									73.71(b)	
									73.71(c)	
									OTHER (Specify in Abstract below and in Text, NRC Form 365A)	

LICENSEE CONTACT FOR THIS LER (12)

NAME

Anthony J. Wasong, Manager-Experience Assessment

TELEPHONE NUMBER

AREA CODE

7 1 7 4 5 6 - 7 0 1 4

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) ☒ NO

EXPECTED SUBMISSION DATE (15)

MONTH DAY YEAR

ABSTRACT (Limit to 7400 spaces, i.e., approximately fifteen single space typewritten lines) (16)

On 3/14/93 at approximately 0100 hours, access roads to the site were determined to be impassable due to snow drifts resulting from a severe snowstorm. The snowstorm began during the evening hours on 3/12/93 and lasted until late in the evening on 3/13/93. Because the roads were impassable for most vehicles until late in the day on 3/14/93, personnel would have been unable to respond to the site in the event of an emergency. There were no safety consequences as a result of the event. If an emergency had occurred a full complement of operations personnel were on site. Off-site communications capability and plant assessment capability was unaffected by the storm. Pre-planning resulted in having ample operations and other personnel available on site such that no Technical Specification violations of operations staffing or overtime limits occurred. There were no previous events identified.

LICENSEE EVENT REPORT (LER)  
TEXT CONTINUATION

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 60.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-530), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)	PAGE (3)										
Peach Bottom Atomic Power Station Units 2 and 3		<table border="1"><tr><td data-bbox="1024 263 1101 291">YEAR</td><td data-bbox="1105 263 1279 291">SEQUENTIAL NUMBER</td><td data-bbox="1284 263 1365 291">REVISION NUMBER</td></tr><tr><td data-bbox="1024 321 1101 348">93</td><td data-bbox="1105 321 1279 348">006</td><td data-bbox="1284 321 1365 348">00</td></tr></table>	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	93	006	00	<table border="1"><tr><td data-bbox="1370 263 1446 291"></td><td data-bbox="1451 263 1554 291"></td></tr><tr><td data-bbox="1370 321 1446 348">02</td><td data-bbox="1451 321 1554 348">OF 03</td></tr></table>			02	OF 03
YEAR	SEQUENTIAL NUMBER	REVISION NUMBER											
93	006	00											
02	OF 03												

TEXT (If more space is required, use additional NRC Form 386A's) (17)

Requirement for the Report

This report is submitted pursuant to 10 CFR 50.73(a)(2)(iii) to report a severe snowstorm that caused the site to be inaccessible by normal means.

Unit Conditions at Time of the Event (March 14, 1993 - 0100 hours)

Unit 2 was in the REFUEL mode. Unit 3 was in the RUN mode at 60% rated power.

Description of the Event

On 3/14/93 at approximately 0100 hours, access roads to the site were determined to be impassable due to snow drifts resulting from a severe snowstorm. The snowstorm began during the evening hours on 3/12/93 and lasted until late in the evening on 3/13/93. Because the roads were impassable for most vehicles until late in the day on 3/14/93, personnel would have been unable to respond to the site in the event of an emergency. Snow accumulations in the general area surrounding the site were 1-2 feet. Winds during the storm reached 60 mph resulting in significant drifting. The NRC Operation Center was notified of this situation on 3/14/93 at 0134 hours.

Cause of the Event

The cause of the event was a severe winter snowstorm with snow accumulations totalling 1-2 feet and wind gusts reaching 60 mph resulting in significant drifting of snow.

Analysis of the Event

There were no safety consequences as a result of the event. Both units remained stable through the period with no significant abnormal operational evolutions. The ability for off-site personnel to respond to the site by normal transportation mechanisms in the event of an emergency was lost. If an emergency had occurred a full complement of operations personnel were on site. Off-site communications capability and plant assessment capability was unaffected by the storm.

Because of pre-planning by the station, extra plant operations and other personnel were available on site through the snowstorm. This resulted in no Technical Specification operations staffing or overtime violations.

LICENSEE EVENT REPORT (LER)  
TEXT CONTINUATION

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 500 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-520), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1)

DOCKET NUMBER (2)

LER NUMBER (6)

PAGE (3)

Peach Bottom Atomic Power Station  
Units 2 and 3

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

Corrective Actions

Station Management pre-planning was done prior to the snowstorm. Pre-planning resulted in having ample operations and other personnel available on site such that no Technical Specification violations of operations staffing or overtime limits occurred. Extra food and related supplies were brought on site prior to the snowstorm. Temporary sleeping facilities were provided on site. Because of the ample amount of licensed personnel on site, operating shifts turned over on the normal 3 shift per day cycle. Station personnel also assisted in clearing roads adjacent to the site to expedite the ability for normal site response.

Previous Similar Events

There were no previous events identified where the plant could not be accessed for a significant length of time.