

CCN# 92-14128



PEACH BOTTOM—THE POWER OF EXCELLENCE

PHILADELPHIA ELECTRIC COMPANY

PEACH BOTTOM ATOMIC POWER STATION

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

(717) 456-7014

D. B. Miller, Jr.
Vice President

November 13, 1992

Docket Nos. 50-277
50-278

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

SUBJECT: Peach Bottom Atomic Power Station Monthly Operating Report

Gentlemen:

Enclosed are twelve copies of the monthly operating report for Peach Bottom Units 2 and 3 for the month of October 1992 forwarded pursuant to Technical Specification 6.9.1.d under the guidance of Regulatory Guide 10.1, Revision 4.

Sincerely,

DBM
DBM/AAF/TJN/DRM/MJB:cmc

K.P. Power for
D.B. Miller Jr

Enclosure

cc: R.A. Burricelli, Public Service Electric & Gas
T.M. Gerusky, Commonwealth of Pennsylvania
J.J. Lyash, USNRC Senior Resident Inspector
R.I. McLean, State of Maryland
T.T. Martin, Administrator, Region 1, USNRC
H.C. Schwemm, Atlantic Electric
C.D. Schaefer, Delmarva Power
INPO Records Center

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NRC Monthly Operations Summary
Peach Bottom Atomic Power Station
October 1992

UNIT 2

Unit 2 was shut down the entire month for the ninth refueling outage.

UNIT 3

Unit 3 began the month at 40% power because of a "B" recirc pump trip that occurred on September 30. On October 3, the "A" recirc pump also tripped. Investigations and tests were conducted. Monitoring equipment was installed on both pumps and power was returned to nominal 100% October 8.

A PCIS Group I isolation scram and reactor high pressure scram occurred on October 15. Investigation revealed that I&C technicians were working close to the Main Turbine instrumentation at the time of the scram. Although the technicians were performing tasks in accordance with procedure, a slight vibration caused the sensitive monitoring instrumentation to initiate the scram.

Unit 3 remains shut down pending resolution of MOV issues. Startup is expected early in November.

UNIT 2 REFUELING INFORMATION

1. Name of facility:

Peach Bottom Unit 2

2. Scheduled date for next refueling shutdown:

Reload 9 in progress.

3. Scheduled date for restart following refueling:

Restart following refueling forecast for November 30, 1992.

4. Will refueling or resumption of operation therefore require a technical specification change or other license amendment?

No.

If answer is yes, what, in general, will these be?

5. Scheduled date(s) for submitting proposed licensing action and supporting information:

N/A

6. Important licensing considerations associated with refueling, e.g., new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures:

Technical Specification Proposal 92-03 & 92-04 submitted to USNRC to accommodate 24 month fuel cycle.

UNIT 2 REFUELING INFORMATION (Continued)

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:

(a) Core - 764 Fuel Assemblies

(b) Fuel Pool - 1896 Fuel Assemblies, 58 Fuel Rods

8. The present licensed spent fuel pool storage capacity and the size of any increase in licensed storage capacity that has been requested or is planned, in number of fuel assemblies:

The spent fuel pool storage capacity has been relicensed for 3819 fuel assemblies.

9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present capacity:

September 2003 without full core offload capability.

September 1997 with full core offload capability.

UNIT 3 REFUELING INFORMATION

1. Name of facility:

Peach Bottom Unit 3

2. Scheduled date for next refueling shutdown:

Reload 9 scheduled for September 4, 1993

3. Scheduled date for restart following refueling

Restart following refueling scheduled for October 29, 1993

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

No

If answer is yes, what, in general, will these be?

N/A

5. Scheduled date(s) for submitting proposed licensing action and supporting information:

N/A

6. Important licensing consideration associated with refueling, e.g., new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures:

Technical Specification Proposal 92-03 & 92-04 submitted to USNRC to accommodate 24 month fuel cycle.

UNIT 3 REFUELING INFORMATION (Continued)

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:

(a) Core - 764 Fuel Assemblies

(b) Fuel Pool - 1945 Fuel Assemblies, 6 Fuel Rods

8. The present licensed spent fuel pool storage capacity and the size of any increase in licensed storage capacity that has been requested or is planned, in number of fuel assemblies:

The spent fuel pool storage capacity has been relicensed for 3819 fuel assemblies.

9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present capacity:

September 2004 without full core offload capability.

September 1998 with full core offload capability.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 277

UNIT PEACH BOTTOM UNIT 2

DATE NOVEMBER 15, 1992

COMPANY PHILADELPHIA ELECTRIC COMPANY

M. J. BARON

SUPERVISOR

REPORTS GROUP

PEACH BOTTOM ATOMIC POWER STATION

TELEPHONE (717) 436-7014 EXT. 3321

MONTH OCTOBER 1992

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	0
16	0		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 278

UNIT PEACH BOTTOM UNIT 3

DATE NOVEMBER 15, 1992

COMPANY PHILADELPHIA ELECTRIC COMPANY

M. J. BARON

SUPERVISOR

REPORTS GROUP

PEACH BOTTOM ATOMIC POWER STATION

TELEPHONE (717) 456-7014 EXT. 3321

MONTH OCTOBER 1992

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	354	17	0
2	400	18	0
3	418	19	0
4	430	20	0
5	591	21	0
6	989	22	0
7	1038	23	0
8	1042	24	0
9	1038	25	0
10	1050	26	0
11	1042	27	0
12	1045	28	0
13	1040	29	0
14	1045	30	0
15	919	31	0
16	0		

OPERATING DATA REPORT

DOCKET NO. 50 - 277

DATE NOVEMBER 15, 1992

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

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PEACH BOTTOM ATOMIC POWER STATION

TELEPHONE (717) 456-7014 EXT. 3321

OPERATING STATUS

1. UNIT NAME: PEACH BOTTOM UNIT 2

NOTES:

2. REPORTING PERIOD: OCTOBER, 1992

3. LICENSED THERMAL POWER(MWT): 3293

4. NAMEPLATE RATING (GROSS MWE): 1152

5. DESIGN ELECTRICAL RATING (NET MWE): 1065

6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 1098

7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 1055

8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE):

10. REASONS FOR RESTRICTIONS, IF ANY:

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	745	7,320	160,656
12. NUMBER OF HOURS REACTOR WAS CRITICAL	0	5,508.1	97,822.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	0.0	5,320.7	94,158.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	0	16,781,064	279,320,793
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	0	5,563,000	91,851,590
18. NET ELECTRICAL ENERGY GENERATED (MWH)	* -4,480	5,365,346	87,982,579

OPERATING DATA REPORT (CONTINUED)

DOCKET NO. 50 - 277

DATE NOVEMBER 15, 1992

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	0.0	72.7	58.6
20. UNIT AVAILABILITY FACTOR	0.0	72.7	58.6
21. UNIT CAPACITY FACTOR (USING MDC NET)	0.0	69.5	51.9
22. UNIT CAPACITY FACTOR (USING DER NET)	0.0	68.8	51.4
23. UNIT FORCED OUTAGE RATE	0.0	13.1	14.5
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

November 30, 1992

26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):	FORECAST	ACHIEVED
INITIAL CRITICALITY		09/16/73
INITIAL ELECTRICITY		02/18/74
COMMERCIAL OPERATION		07/05/74

PAGE 2 OF 2

* - NEGATIVE VALUE REPORTED FOR CONSISTENCY WITH FEDERAL ENERGY REGULATORY COMMISSION REPORTS

OPERATING DATA REPORT

DOCKET NO. 50 - 278

DATE NOVEMBER 15, 1992

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K. J. BARON

SUPERVISOR

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PEACH BOTTOM ATOMIC POWER STATION

TELEPHONE (717) 456-7014 EXT. 3321

OPERATING STATUS

1. UNIT NAME: PEACH BOTTOM UNIT 3

NOTES:

2. REPORTING PERIOD: OCTOBER, 1992

3. LICENSED THERMAL POWER(MWT): 3293

4. NAMEPLATE RATING (GROSS MWE): 1152

5. DESIGN ELECTRICAL RATING (NET MWE): 1065

6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 1098

7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 1035

8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE):

10. REASONS FOR RESTRICTIONS, IF ANY:

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	745	7,320	156,552
12. NUMBER OF HOURS REACTOR WAS CRITICAL	358.0	6,445.3	96,807.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	358.0	6,162.2	93,467.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	960,552	18,661,440	274,755,370
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	309,500	6,186,000	90,188,532
18. NET ELECTRICAL ENERGY GENERATED (MWH)	295,275	5,970,021	86,453,038

OPERATING DATA REPORT (CONTINUED)

DOCKET NO. 50 - 278

DATE NOVEMBER 15, 1992

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	48.1	84.2	59.7
20. UNIT AVAILABILITY FACTOR	48.1	84.2	59.7
21. UNIT CAPACITY FACTOR (USING MDC NET)	38.3	78.8	53.4
22. UNIT CAPACITY FACTOR (USING DER NET)	37.2	76.0	51.9
23. UNIT FORCED OUTAGE RATE	51.9	11.6	12.6

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: N/A

26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):	FORECAST	ACHIEVED
INITIAL CRITICALITY		08/07/74
INITIAL ELECTRICITY		09/01/74
COMMERCIAL OPERATION		12/23/74

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 277

UNIT NAME PEACH BOTTOM UNIT 2

DATE NOVEMBER 15, 1992

REPORT MONTH OCTOBER, 1992

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

M. J. BARON

SUPERVISOR

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PEACH BOTTOM ATOMIC POWER STATION

TELEPHONE (717) 456-7014 EXT. 3321

NO.	DATE	TYPE (1)	DURATION (HOURS) (2)	REASON (3)	METHOD OF SHUTTING DOWN REACTOR (4)	LICENSEE EVENT REPORT #	SYSTEM CODE (5)	COMPONENT CODE (6)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
1B	921001	S	745.0	C	1	NA	RC	FUELXX	SHUTDOWN FOR REFUELING OUTAGE
			----- 745.0						

(1)

(2)

(3)

(4)

F - FORCED
S - SCHEDULEDREASON
A - EQUIPMENT FAILURE (EXPLAIN)
B - MAINTENANCE OR TEST
C - REFUELING
D - REGULATORY RESTRICTION
E - OPERATOR TRAINING + LICENSE EXAMINATION
F - ADMINISTRATIVE
G - OPERATIONAL ERROR (EXPLAIN)
H - OTHER(EXPLAIN)METHOD
1 - MANUAL
2 - MANUAL SCRAM.
3 - AUTOMATIC SCRAM.
4 - OTHER (EXPLAIN)EXHIBIT G - INSTRUCTIONS
FOR PREPARATION OF DATA
ENTRY SHEETS FOR LICENSEE
EVENT REPORT (LER)
FILE (MREG-0161)

(5)

EXHIBIT I - SAME SOURCE

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 278

UNIT NAME PEACH BOTTOM UNIT 3

DATE NOVEMBER 15, 1992

REPORT MONTH OCTOBER, 1992

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NO.	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	LICENSEE EVENT REPORT #	SYSTEM CODE (4)	COMPONENT CODE (5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
23	921015	F	387.0	A	3	3-92-08	SH	VALVEX	PCIS GROUP I ISOLATION CAUSED BY BUMPING INSTRUMENTATION
			387.0						

(1)

(2)

(3)

(4)

F - FORCED
S - SCHEDULED

REASON
 A - EQUIPMENT FAILURE (EXPLAIN)
 B - MAINTENANCE OR TEST
 C - REFUELING
 D - REGULATORY RESTRICTION
 E - OPERATOR TRAINING + LICENSE EXAMINATION
 F - ADMINISTRATIVE
 G - OPERATIONAL ERROR (EXPLAIN)
 H - OTHER (EXPLAIN)

METHOD
 1 - MANUAL
 2 - MANUAL STOP
 3 - AUTOMATIC
 4 - OTHER (EXPLAIN)

EXHIBIT G - INSTRUCTIONS
 FOR PREPARATION OF DATA
 ENTRY SHEETS FOR LICENSEE
 EVENT REPORT (LER)
 FILE (NUREG-0161)

(5)

EXHIBIT I - SAME SOURCE