CCN# 92-14602

PEACH BOTTOM—THE POWER OF EXCELLENCE

PHILADELPHIA ELECTRIC COMPANY
PEACH BOTTOM ATOMIC POWER STATION
R. D. 1, Box 208
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D. B. Miller, Jr.
Vice President

May 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 April 1992 forwarded pursuant to Technical Specification 6.9.1.d under the guidance of Regulatory Guide 10.1, Revision 4.

Sincerely,

DBM/AAF/TJN/DRM/MJB:cmc

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 I, 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
April 1992

UNIT 2

Unit 2 began the month shut down as a result of the reactor water level instrument problem that occurred last month. Unit 2 returned to service on April 5 but was manually shut down on April 7 when a one inch vent line off the condensate header failed. Following repairs, the unit was returned to service but was shut down within hours due to a steam leak on a recombiner flow control transmitter. Repairs were completed and the unit returned to service on April 10. Nominal 100% power was reached on April 12 and remained at that level for the rest of the month.

UNIT 3

Unit 3 began the month at nominal 100% power with no major evolutions. On April 12, power was reduced to 72% to perform control rod scram time testing and PCIS testing. Power returned to 100% following testing and remained at that level for the rest of the month.

A progressive leak on the "F" moisture separator drain tank manway is being monitored. A six day outage is scheduled to begin on May 4 to effect repairs.

Docket No. 50-277
Attachment to
Monthly Operating
Report for April 1992

UNIT 2 REFUELING INFORMATION

1. Name of facility:

   Peach Bottom Unit 2

2. Scheduled date for next refueling shutdown:

   Reload 9 scheduled for September 12, 1992.

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:

   N/A

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.

Docket No. 50-278
Attachment to
Monthly Operating
Report for April 1992

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 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:

   N/A

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 license 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 MAY 15, 1992
COMPANY PHILADELPHIA ELECTRIC COMPANY

M. J. BARON
SUPERVISOR
REPORTS GROUP
PEACH BOTTOM ATOMIC POWER STATION

TELEPHONE (717) 456-7014 EXT. 3321

MONTH APRIL 1992

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	0	17	1053
2	0	18	1065
3	0	19	1051
4	0	20	1043
5	13	21	1056
6	640	22	1047
7	414	23	1068
8	5	24	1059
9	0	25	1063
10	532	26	1059
11	1042	27	1057
12	1065	28	1069
13	1064	29	1096
14	1065	30	1025
15	1062		
16	1061		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 278

UNIT PEACH BOTTOM UNIT 3

DATE MAY 15, 1992

COMPANY PHILADELPHIA ELECTRIC COMPANY

M. J. BARON
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REPORTS GROUP
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MONTH APRIL 1992

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1066	17	1055
2	1054	18	1059
3	1069	19	1061
4	1076	20	1064
5	1029	21	1077
6	1062	22	1065
7	1059	23	1065
8	1064	24	1052
9	1056	25	1063
10	1004	26	1055
11	974	27	1057
12	1067	28	1057
13	1065	29	1055
14	1058	30	1063
15	1064		
16	1055		

OPERATING DATA REPORT

DOCKET NO. 50 - 277

DATE MAY 15, 1992

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

M. J. BARON
SUPERVISOR
REPORTS GROUP
PEACH BOTTOM ATOMIC POWER STATION
TELEPHONE (717) 456-7014 EXT. 3321

OPERATING STATUS

1. UNIT NAME: PEACH BOTTOM UNIT 2
2. REPORTING PERIOD: APRIL, 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

NOTES:

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	719	2,903	156,239
12. NUMBER OF HOURS REACTOR WAS CRITICAL	542.0	2,610.0	94,864.0
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	542.0	2,610.0	91,447.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,714,872	8,447,640	270,987,369
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	566,800	2,822,100	89,110,690
18. NET ELECTRICAL ENERGY GENERATED (MWH)	545,822	2,739,028	85,356,261

DATE MAY 15, 1992

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	75.4	89.9	58.5
20. UNIT AVAILABILITY FACTOR	75.4	89.9	58.5
21. UNIT CAPACITY FACTOR (USING MDC NET)	72.0	89.4	51.8
22. UNIT CAPACITY FACTOR (USING DER NET)	71.3	88.6	51.3
23. UNIT FORCED OUTAGE RATE	24.6	10.1	14.5

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

Refuel, 9/12/92 start, 80 days

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		09/16/73
INITIAL ELECTRICITY		02/18/74
COMMERCIAL OPERATION		07/05/74

OPERATING DATA REPORT

DOCKET NO. 50 - 278
DATE MAY 15, 1992
COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

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OPERATING STATUS

1. UNIT NAME: PEACH BOTTOM UNIT 3
2. REPORTING PERIOD: APRIL, 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

NOTES:

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	719	2,903	152,135
12. NUMBER OF HOURS REACTOR WAS CRITICAL	719.0	2,876.6	93,253.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	719.0	2,700.4	90,005.4
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,352,072	8,229,336	264,323,266
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	783,500	2,746,600	86,749,132
18. NET ELECTRICAL ENERGY GENERATED (MWH)	759,644	2,666,091	83,149,108

OPERATING DATA REPORT (CONTINUED)

DOCKET NO. 50 - 278

DATE MAY 15, 1992

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0	93.0	59.2
20. UNIT AVAILABILITY FACTOR	100.0	93.0	59.2
21. UNIT CAPACITY FACTOR (USING MDC NET)	102.1	88.7	52.8
22. UNIT CAPACITY FACTOR (USING DER NET)	99.2	86.2	51.3
23. UNIT FORCED OUTAGE RATE	0.0	0.5	12.4

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

None

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 MAY 15, 1992

REPORT MONTH APRIL, 1992

COMPLETED BY ADELPHIA ELECTRIC COMPANY

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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
4	920401	F	116.0	A	1	2-92-05	ID	INSTRU	UNIT SHUT DOWN DUE TO REACTOR WATER LEVEL MISMATCH
5	920407	F	32.0	A	1	2-92-06	HH	PIPEXX	CONDENSATE VENT LINE FAILURE
6	920408	F	29.0	A	1	NA	PE	RECOMB	STEAM LEAK ON RECOMBINER FLOW TRANSMITTER
			177.0						

(1)

F - FORCED
S - SCHEDULED

(2)

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)

(3)

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

(4)

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

(5)

EXHIBIT I - SAME SOURCE

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 278

UNIT NAME PEACH BOTTOM UNIT 3

DATE MAY 15, 1992

REPORT MONTH APRIL, 1992

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

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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
12	920410	S	0.0	B	4	NA	CD	VALVEX	MSIV TESTING REACTOR WAS NOT SHUT DOWN

(1)

F - FORCED
S - SCHEDULED

(2)

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)

(3)

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

(4)

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

(5)

EXHIBIT I - SAME SOURCE