



PHILADELPHIA ELECTRIC COMPANY

PEACH BOTTOM ATOMIC POWER STATION

R. D. 1, Box 208
Delta, Pennsylvania 17314
(717) 456-7014

PEACH BOTTOM—THE POWER OF EXCELLENCE

D. B. Miller, Jr.
Vice President

July 14, 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 June 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
DBM/AAF/TJN/DRM/MJB:cmc

Enclosure

- cc: R.A. Burricelli, Public Service Electric & Gas
- T.M. Gerusky, Commonwealth of Pennsylvania
- J.J. Lyash, USNPC 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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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

NRC Monthly Operations Summary
Peach Bottom Atomic Power Station
June 1992

UNIT 2

Unit 2 began the month at nominal 100% power. Load was dropped on June 15 to clean the "B" main transformer cooler and condenser waterboxes. Unit 2 returned to full power following maintenance activities and remained at that level until June 20. Power was reduced to 95% due to possible feedwater flow inaccuracies. A sodium injection test was performed on the reactor feed pump flow elements. The preliminary results are being evaluated and a final determination is expected by mid-July. Power was reduced to 37% on June 27 because of a trip of the recirc motor generator set. Unit 2 returned to 95% power on June 29 and remained there for the rest of the month.

UNIT 3

Unit 3 began the month at nominal 100%. Power was reduced to 71% on June 3 to remove the "C" reactor feed pump from service to repair an inner cavity flange drain leak. Following repairs and return to full power, the leak repairs were found to be unsuccessful. Power was reduced again on June 5 and successful repairs were completed followed by return to full power. Power remained at nominal 100% until June 20 when power was reduced to 95% because of possible feedwater flow inaccuracies. A transient occurred in the offgas system on June 26 causing recombination in the air ejector aftercondenser. Power was reduced to 40% on June 27 to re-establish offgas recombination in the recombiner vessel. Following these activities power was returned to 95% and remained there for the rest of the month.

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 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 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 JULY 15, 1992

COMPANY PHILADELPHIA ELECTRIC COMPANY

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

TELEPHONE (717) 456-7014 EXT. 3321

MONTH JUNE 1992

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1049	17	1006
2	1064	18	925
3	1064	19	1043
4	1063	20	994
5	1047	21	997
6	1059	22	995
7	1063	23	992
8	1051	24	1004
9	1057	25	999
10	1040	26	994
11	1053	27	841
12	1053	28	404
13	1044	29	978
14	1052	30	988
15	1043		
16	1048		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 278

UNIT PEACH BOTTOM UNIT 3

DATE JULY 15, 1992

COMPANY PHILADELPHIA ELECTRIC COMPANY

M. J. BARON
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MONTH JUNE 1992

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1056	17	1047
2	1056	18	1035
3	982	19	1039
4	1054	20	986
5	965	21	989
6	1055	22	988
7	1058	23	984
8	1054	24	996
9	1053	25	995
10	1048	26	990
11	1049	27	970
12	1056	28	780
13	1040	29	977
14	1048	30	989
15	1039		
16	1039		

OPERATING DATA REPORT

DOCKET NO. 50 - 277

DATE JULY 15, 1992

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

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OPERATING STATUS

- 1. UNIT NAME: PEACH BOTTOM UNIT 2
- 2. REPORTING PERIOD: JUNE, 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	720	4,367	157,703
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	3,907.2	96,161.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	720.0	3,890.3	92,727.8
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,252,832	12,451,008	274,990,737
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	748,000	4,152,700	90,441,290
18. NET ELECTRICAL ENERGY GENERATED (MWH)	720,206	4,019,799	86,637,032

DATE JULY 15, 1992

	THIS MONTH	% TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0	89.1	58.8
20. UNIT AVAILABILITY FACTOR	100.0	89.1	58.8
21. UNIT CAPACITY FACTOR (USING MDC NET)	9.7	87.3	52.1
22. UNIT CAPACITY FACTOR (USING DEM NET)	93.9	86.4	51.6
23. UNIT FORCED OUTAGE RATE	0.0	10.9	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

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OPERATING STATUS

- 1. UNIT NAME: PEACH BOTTOM UNIT 3
- 2. REPORTING PERIOD: JUNE, 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	720	4,367	153,597
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	4,211.1	94,573.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	720.0	4,008.4	91,313.4
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,292,216	12,167,136	268,261,066
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	758,000	4,052,900	83,055,432
18. NET ELECTRICAL ENERGY GENERATED (MWH)	730,115	3,922,716	84,405,733

DATE JULY 15, 1992

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0	91.8	59.4
20. UNIT AVAILABILITY FACTOR	100.0	91.8	59.4
21. UNIT CAPACITY FACTOR (USING MD/NET)	98.0	86.8	53.1
22. UNIT CAPACITY FACTOR (USING DER NET)	98.0	84.3	51.6
23. UNIT FORCED OUTAGE RATE	0.0	0.3	12.2
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 JULY 15, 1992

REPORT MONTH JUNE, 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
10	920617	S	0.0	H	4	NA	EB	TRANSF	POWER REDUCED FOR "B" MAIN TRANSFORMER CLEANING - REACTOR NOT SHUT DOWN
11	920627	F	0.0	H	4	NA	CB	MOTORX	RECIRC MOTOR GENERATOR TRIP REACTOR WAS NOT SHUTDOWN

(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 SCRAM. 3 - AUTOMATIC SCRAM. 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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 278

UNIT NAME PEACH BOTTOM UNIT 3

DATE JULY 15, 1992

REPORT MONTH JUNE, 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
14	920603	S	0.0	A	4	NA	CH	PUMPXX	REPAIRS TO "C" RFP CASING DRAIN FLANGE REACTOR WAS NOT SHUT DOWN
15	920605	F	0.0	A	4	NA	CB	PUMPXX	REPAIRS TO "C" RFP CASING DRAIN FLANGE REACTOR WAS NOT SHUT DOWN
16	920627	S	0.0	A	4	NA	MB	RECOMB	RESTORE RECOMBINATION PROCESS REACTOR WAS NOT SHUTDOWN

(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