



PECO NUCLEAR

A Unit of PECO Energy

PECO Energy Company
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May 15, 1996

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

Docket Nos. 50-277 and 50-278

Gentlemen:

Enclosed is the monthly operating report for Peach Bottom Units 2 and 3 for the month of April 1996 forwarded pursuant to Technical Specification 5.6.4 under the guidance of Regulatory Guide 10.1, Revision 4.

Sincerely,

Thomas N. Mitchell
Vice President,
Peach Bottom Atomic Power Station

TNM/JGH
TNM/MEW/JGH:lph

Enclosures

cc: B.W. Gorman, Public Service Electric & Gas
W.P. Dornsife, Commonwealth of Pennsylvania
R.I. McLean, State of Maryland
T.T. Martin, Administrator, Region I, USNRC
W.L. Schmidt, USNRC, Senior Resident Inspector
H.C. Schwemm, Atlantic Electric
A.F. Kirby, III, Delmarva Power & Light
INPO Records Center

ccn 96-14041

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PEACH BOTTOM ATOMIC POWER STATION
NRC MONTHLY OPERATIONS SUMMARY
April 1996

UNIT 2

Unit 2 began the month of April at 96% power due to thermal limits. On April 8th the unit began end of cycle coastdown. Power was reduced during the month for the following:

- April 7-8: Rod pattern adjustment (all rods out).
- April 12: 5th Feedwater heaters removed from service.

The unit ended the month in end of cycle coastdown.

Unit 2 Net Generation for April was 774,120 MW.

UNIT 3

Unit 3 began the month of April at 100% power. Power was reduced during the month for the following:

- April 12-13: Condenser waterbox cleaning.
- April 18: Rod pattern adjustment.

Unit 3 Net Generation for April was 794,006 MW.

UNIT 2 REFUELING INFORMATION

1. Name of facility:

Peach Bottom Unit 2
2. Scheduled date for next refueling shutdown:

Reload 11 scheduled for September 13, 1996.
3. Scheduled date for restart following refueling:

Restart following refueling forecast for October 20, 1996.
4. Will refueling or resumption of operation therefore require a technical specification change or other license amendment?

Yes.

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

 - ~~1. Wide Range Neutron Monitoring System~~
 2. 10CFR50 Appendix J, Option B
 3. Increase MCPR Value
5. Scheduled date(s) for submitting proposed licensing action and supporting information:

All three items have been submitted for review and approval.
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:

GE-13 Fuel Product Line will be utilized requiring a Tech Spec amendment.
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 - 2436 Fuel Assemblies, 52 Fuel Rods

UNIT 2 REFUELING INFORMATION (Continued)

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.

UNIT 3 REFUELING INFORMATION

1. Name of facility:

Peach Bottom Unit 3
2. Scheduled date for next refueling shutdown:

Reload 11 scheduled for September 15, 1997
3. Scheduled date for restart following refueling

Restart following refueling scheduled for October 20, 1997
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

N/A

If answer is yes, what, in general, will these be?
5. Scheduled date(s) for submitting proposed licensing action and supporting information.
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
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 - 2485 Fuel Assemblies, 16 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.

UNIT 3 REFUELING INFORMATION (Continued)

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 1999 with full core offload capability.

AVERAGE DAILY POWER LEVEL

DOCKET NO. 50 - 277
 UNIT PEACH BOTTOM UNIT 2
 DATE MAY 7, 1996
 COMPANY PECO ENERGY COMPANY
 L. P. HYDRICK
 BUSINESS SERVICES
 SITE SUPPORT DIVISION
 PEACH BOTTOM ATOMIC POWER STATION
 TELEPHONE (717) 456-4383

MONTH APRIL, 1996

DAY AVERAGE DAILY POWER LEVEL
(MWE-NET)

1	1077
2	1072
3	1063
4	1059
5	1059
6	1056
7	1048
8	1094
9	1103
10	1110
11	1090
12	1092
13	1108
14	1095
15	1094
16	1096

DAY AVERAGE DAILY POWER LEVEL
(MWE-NET)

17	1096
18	1099
19	1094
20	1106
21	1070
22	1081
23	1077
24	1073
25	1065
26	1055
27	1048
28	1047
29	1036
30	1036

AVERAGE DAILY POWER LEVEL

DOCKET NO. 50 - 278
 UNIT PEACH BOTTOM UNIT 3
 DATE MAY 7, 1996
 COMPANY PECO ENERGY COMPANY
 L. P. HYDRICK
 BUSINESS SERVICES
 SITE SUPPORT DIVISION
 PEACH BOTTOM ATOMIC POWER STATION
 TELEPHONE (717) 456-4383

MONTH APRIL, 1996

DAY AVERAGE DAILY POWER LEVEL
(MWE-NET)

1	1121
2	1120
3	1115
4	1120
5	1117
6	1121
7	1119
8	1117
9	1117
10	1121
11	1113
12	1109
13	805
14	1115
15	1117
16	1118

DAY AVERAGE DAILY POWER LEVEL
(MWE-NET)

17	1116
18	1085
19	1121
20	1135
21	1106
22	1118
23	1118
24	1113
25	1118
26	1105
27	1105
28	1112
29	1102
30	1115

OPERATING DATA REPORT

DOCKET NO. 50 - 277
 DATE MAY 7, 1996
 COMPLETED BY PECO ENERGY COMPANY
 L. P. HYDRICK
 BUSINESS SERVICES
 SITE SUPPORT DIVISION
 PEACH BOTTOM ATOMIC POWER STATION
 TELEPHONE (717) 456-4383

OPERATING STATUS

1. UNIT NAME: PEACH BOTTOM UNIT 2
2. REPORTING PERIOD: APRIL, 1996
3. LICENSED THERMAL POWER(MWT): 3458
4. NAMEPLATE RATING (GROSS MWE): 1221
5. DESIGN ELECTRICAL RATING (NET MWE): 1119
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 1159
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 1093
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE):
10. REASONS FOR RESTRICTIONS, IF ANY:

NOTES:

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	719	2,903	191,303
12. NUMBER OF HOURS REACTOR WAS CRITICAL	719.0	2,903.0	125,498.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	719.0	2,903.0	121,504.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,429,671	9,811,925	367,387,968
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	798,300	3,251,400	120,791,190
18. NET ELECTRICAL ENERGY GENERATED (MWH)	774,121	3,159,907	115,965,802

OPERATING DATA REPORT (CONTINUED)

DOCKET NO. 50 - 277

DATE MAY 7, 1996

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0 %	100.0 %	63.5 %
20. UNIT AVAILABILITY FACTOR	100.0 %	100.0 %	63.5 %
21. UNIT CAPACITY FACTOR (USING MDC NET)	98.5 %	99.6 %	57.4 %
22. UNIT CAPACITY FACTOR (USING DER NET)	96.2 %	97.3 %	56.6 %
23. UNIT FORCED OUTAGE RATE	.0 %	.0 %	12.0 %
24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE AND DURATION OF EACH): Refueling outage schedule to begin 9/13/96, Duration 37 days			
25. IF SHUTDOWN AT THE END OF REPRT PERIOD, ESTIMATED DATE OF STARTUP:			
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATIONS):	FORECAST	ACHIEVED	
INITIAL CRITICALITY		09/16/73	
INITIAL ELECTRICITY		02/18/74	
COMMERCIAL OPERATION		07/05/74	

OPERATING DATA REPORT

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 COMPLETED BY PECO ENERGY COMPANY
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 TELEPHONE (717) 456-4383

OPERATING STATUS

1. UNIT NAME: PEACH BOTTOM UNIT 3
2. REPORTING PERIOD: APRIL, 1996
3. LICENSED THERMAL POWER(MWT): 3458
4. NAMEPLATE RATING (GROSS MWE): 1221
5. DESIGN ELECTRICAL RATING (NET MWE): 1119
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 1159
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 1093
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS.
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE):
10. REASONS FOR RESTRICTIONS, IF ANY:

NOTES:

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	719	2,903	187,199
12. NUMBER OF HOURS REACTOR WAS CRITICAL	719.0	2,903.0	124,190.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	719.0	2,853.0	120,661.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,463,348	9,727,010	359,413,467
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	816,500	3,219,200	117,838,532
18. NET ELECTRICAL ENERGY GENERATED (MWH)	794,007	3,136,247	113,150,099

OPERATING DATA REPORT (CONTINUED)

DOCKET NO. 50 - 278
DATE MAY 7, 1996

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0 %	98.3 %	64.5 %
20. UNIT AVAILABILITY FACTOR	100.0 %	98.3 %	64.5 %
21. UNIT CAPACITY FACTOR (USING MDC NET)	101.0 %	98.8 %	58.2 %
22. UNIT CAPACITY FACTOR (USING DER NET)	98.7 %	96.5 %	56.6 %
23. UNIT FORCED OUTAGE RATE	0 %	1.7 %	10.9 %
24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE AND DURATION OF EACH):			
25. IF SHUTDOWN AT THE END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:			
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATIONS):	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 7, 1996
 COMPLETED BY PECO ENERGY COMPANY
 L. P. HYDRICK
 BUSINESS SERVICES
 SITE SUPPORT DIVISION
 PEACH BOTTOM ATOMIC POWER STATION
 TELEPHONE (717) 456-4383

REPORT MONTH APRIL, 1996

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	960407	S	3.0	H	4		RB	CONROD	Rod pattern adjustment Reactor not shut down
13	960412	S	3.0	H	4		CH	HTEXCH	5th stage FW heaters removed from service Reactor not shut down
TOTAL HOURS			6.0						

(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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 278
UNIT NAME PEACH BOTTOM UNIT 3
DATE MAY 7, 1996
COMPLETED BY PECO ENERGY COMPANY
L. P. HYDRICK
BUSINESS SERVICES
SITE SUPPORT DIVISION
PEACH BOTTOM ATOMIC POWER STATION
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REPORT MONTH APRIL, 1996

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	960412	S	7.0	B	4		HF	XXXXXX	Waterbox cleaning & RFP repair Reactor not shutdown
11	960418	S	2.0	H	4		RB	CONROD	Rod Pattern Adjustment Reactor not shut down
TOTAL HOURS			9.0						

(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