



PECO NUCLEAR

A UNIT OF PECO ENERGY

PECO Energy Company
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717 456 7014

September 9, 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 August 1996 forwarded pursuant to Technical Specification 5.6.4 under the guidance of Regulatory Guide 10.1, Revision 4.

Sincerely,

Mark E. Warner
Director, Site Engineering
Peach Bottom Atomic Power Station

JGH
MEW/JGH:lph

Enclosures

cc: B.W. Gorman, Public Service Electric & Gas
W.P. Domsife, 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
T. N. Mitchell, PECO Nuclear, Vice President, Peach Bottom Atomic Power Station

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IF241

PEACH BOTTOM ATOMIC POWER STATION
NRC MONTHLY OPERATIONS SUMMARY
AUGUST 1996

UNIT 2

Unit 2 capability factor for the month was 99.6%. The unit began the month in end of cycle coastdown at 62% power and averaged 57.3% power for the month.

Unit 2 Net Generation for August was 418,835 MWH.

UNIT 3

Unit 3 began the month of August at 100% power. Unit 3 Megawatt losses included a load drop for rod pattern adjustment, MSIV stroking, and SCRITS from 8/2 - 8/3. Another load drop occurred on 8/6 due to a recombiner isolation; the unit was restored to full power on 8/7. Power was then reduced on 8/10 to swap jet compressors. The Unit was returned to 100% on 8/11. The Unit remained at 100% power for the rest of the month until another load drop occurred on 8/22 for a rod pattern adjustment.

Unit 3 net generation for August was 808,555 MWH.

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 12, 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. 10CFR50 Appendix J, Option B
 2. Increase MCPR Value
5. Scheduled date(s) for submitting proposed licensing action and supporting information:

Items 1 and 2 have been submitted for review and approval. NRC approval has been received for Item 1.
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 - 2720 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 2002 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 12, 1997

3. Scheduled date for restart following refueling

Restart following refueling scheduled for October 11, 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 SEPTEMBER 9, 1996
 COMPANY PECO ENERGY COMPANY
 L. P. HYDRICK
 BUSINESS SERVICES
 SITE SUPPORT DIVISION
 PEACH BOTTOM ATOMIC POWER STATION
 TELEPHONE (717) 456-4383

MONTH AUGUST, 1996

DAY AVERAGE DAILY POWER LEVEL
(MWE-NET)

1	622
2	622
3	610
4	610
5	598
6	590
7	587
8	578
9	573
10	577
11	576
12	581
13	583
14	573
15	569
16	560

DAY AVERAGE DAILY POWER LEVEL
(MWE-NET)

17	573
18	563
19	558
20	553
21	549
22	545
23	536
24	531
25	532
26	524
27	528
28	516
29	516
30	511
31	507

AVERAGE DAILY POWER LEVEL

DOCKET NO. 50 - 278
UNIT PEACH BOTTOM UNIT 3
DATE SEPTEMBER 9, 1996
COMPANY PECO ENERGY COMPANY
L. P. HYDRICK
BUSINESS SERVICES
SITE SUPPORT DIVISION
PEACH BOTTOM ATOMIC POWER STATION
TELEPHONE (717) 456-4383

MONTH AUGUST, 1996

DAY AVERAGE DAILY POWER LEVEL
(MWE-NET)

1	1111
2	1033
3	956
4	1111
5	1110
6	1086
7	1094
8	1110
9	1106
10	865
11	1087
12	1103
13	1109
14	1107
15	1103
16	1094

DAY AVERAGE DAILY POWER LEVEL
(MWE-NET)

17	1103
18	1113
19	1105
20	1108
21	1104
22	1092
23	1099
24	1094
25	1102
26	1101
27	1098
28	1093
29	1097
30	1097
31	1097

OPERATING DATA REPORT

DOCKET NO. 50 - 277
 DATE SEPTEMBER 9, 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: AUGUST, 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

NOTES:

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:

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744	5,855	194,255
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	5,855.0	128,450.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	744.0	5,855.0	124,456.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,473,646	17,135,202	374,761,245
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	443,600	5,568,400	123,108,190
18. NET ELECTRICAL ENERGY GENERATED (MWH)	418,836	5,373,461	118,179,357

OPERATING DATA REPORT (CONTINUED)

DOCKET NO. 50 - 277

DATE SEPTEMBER 9, 1996

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0 %	100.0 %	64.1 %
20. UNIT AVAILABILITY FACTOR	100.0 %	100.0 %	64.1 %
21. UNIT CAPACITY FACTOR (USING MDC NET)	51.5 %	84.0 %	57.6 %
22. UNIT CAPACITY FACTOR (USING DER NET)	50.3 %	82.0 %	56.7 %
23. UNIT FORCED OUTAGE RATE	.0 %	.0 %	11.8 %

24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE AND DURATION OF EACH):
 Refueling outage schedule to begin 9/13/96, Duration 29 days

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

OPERATING DATA REPORT

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 TELEPHONE (717) 456-4383

OPERATING STATUS

1. UNIT NAME: PEACH BOTTOM UNIT 3
2. REPORTING PERIOD: AUGUST, 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	744	5,855	190,151
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	5,766.1	127,053.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	744.0	5,598.0	123,506.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,534,729	19,259,501	368,945,959
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	833,000	6,356,900	120,976,332
18. NET ELECTRICAL ENERGY GENERATED (MWH)	808,556	6,176,164	116,190,016

OPERATING DATA REPORT (CONTINUED)

DOCKET NO. 50 - 278

DATE SEPTEMBER 9, 1996

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0 %	97.3 %	65.0 %
20. UNIT AVAILABILITY FACTOR	100.0 %	97.3 %	65.0 %
21. UNIT CAPACITY FACTOR (USING MDC NET)	99.4 %	96.5 %	58.8 %
22. UNIT CAPACITY FACTOR (USING DER NET)	97.1 %	94.3 %	57.2 %
23. UNIT FORCED OUTAGE RATE	.0 %	2.7 %	10.7 %
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 SEPTEMBER 9, 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 AUGUST, 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
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TOTAL HOURS

(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 SEPTEMBER 9, 1996
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REPORT MONTH AUGUST, 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
18	960806	F		H	4		HC	RECOMB	Recombiner Isolation Reactor not shut down
19	960810	S		H	4		HC	RECOMB	Swap jet compressors Reactor not shut down
TOTAL HOURS									

(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