



# PECO ENERGY

Gerald R. Rainey  
Vice President  
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PECO Energy Company  
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717 456 7014

September 11, 1995

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

Docket Nos. 50-277 and 50-278

Gentlemen:

Enclosed are twelve copies of the monthly operating report for Peach Bottom Units 2 and 3 for the month of August 1995 forwarded pursuant to Technical Specification 6.9.1.d under the guidance of Regulatory Guide 10.1, Revision 4.

Sincerely,

Gerald R. Rainey  
Vice President,  
Peach Bottom Atomic Power Station

*JGH*  
GRR/AJW/GHG/TNM/JGH:wjj

enclosures

- cc: R.A. Burricelli, 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

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PEACH BOTTOM ATOMIC POWER STATION  
NRC MONTHLY OPERATIONS SUMMARY  
AUGUST 1995

UNIT 2

Unit 2 began the month of August at 100% nominal power. Power was reduced on August 11th to perform M/G Set maintenance and scram time testing. The unit was returned to 100% nominal power on August 14th and operated at that power level for remainder of the month.

UNIT 3

Unit 3 began the month of August recovering from an automatic scram which occurred in July. The unit was returned to approximately 70% power on August 3rd in the end of fuel cycle coastdown mode. Power was reduced on the 25th due to a CV problem. The unit returned to power in the end of fuel cycle coastdown mode on August 26th and operated in that mode for the remainder of the month.

UNIT 2 REFUELING INFORMATION

1. Name of facility:

Peach Bottom Unit 2

2. Scheduled date for next refueling shutdown:

Reload 11 scheduled for September 20, 1996.

3. Scheduled date for restart following refueling:

Restart following refueling forecast for November 2, 1996.

4. Will refueling or resumption of operation therefore 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:

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

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, 59 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 10 scheduled for September 22, 1995

3. Scheduled date for restart following refueling

Restart following refueling scheduled for October 27, 1995

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

Yes

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

93-18 SRM/IRM Improvements

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

93-18 Submitted 1/17/95

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 - 2201 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.

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 UNIT POWER LEVEL

DOCKET NO. 50 - 277

UNIT PEACH BOTTOM UNIT 2

DATE SEPTEMBER 11, 1995

COMPANY PECO ENERGY COMPANY

W. J. JEFFREY  
PERFORMANCE AND RELIABILITY  
SITE ENGINEERING  
PEACH BOTTOM ATOMIC POWER STATION

TELEPHONE (717) 456-7014 EXT. 4027

MONTH AUGUST 1995

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1083	17	1074
2	1078	18	1078
3	1083	19	1078
4	1084	20	1082
5	1079	21	1082
6	1083	22	1078
7	1082	23	1083
8	1082	24	1082
9	1087	25	1084
10	1082	26	1085
11	1070	27	1085
12	573	28	1089
13	728	29	1085
14	991	30	1085
15	1074	31	1085
16	1078		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 278

UNIT PEACH BOTTOM UNIT 3

DATE SEPTEMBER 11, 1995

COMPANY PECO ENERGY COMPANY

W. J. JEFFREY  
PERFORMANCE AND RELIABILITY  
SITE ENGINEERING  
PEACH BOTTOM ATOMIC POWER STATION

TELEPHONE (717) 456-7014 EXT. 4027

MONTH AUGUST 1995

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	0	17	610
2	183	18	614
3	609	19	610
4	640	20	610
5	644	21	607
6	639	22	603
7	638	23	600
8	639	24	599
9	635	25	322
10	634	26	584
11	630	27	585
12	622	28	581
13	622	29	585
14	621	30	577
15	625	31	576
16	626		



OPERATING DATA REPORT

DOCKET NO. 50 - 277

DATE SEPTEMBER 11, 1995

COMPLETED BY PECO ENERGY COMPANY

W. J. JEFFREY  
 PERFORMANCE AND RELIABILITY  
 SITE ENGINEERING  
 PEACH BOTTOM ATOMIC POWER STATION  
 TELEPHONE (717) 456-7014 EXT. 4027

OPERATING STATUS

- 1. UNIT NAME: PEACH BOTTOM UNIT 2
- 2. REPORTING PERIOD: AUGUST, 1995
- 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 NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:  
 Item #5 added since last report. Change due to power rerate.
- 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	5,831	185,471
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	5,831.0	119,794.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	744.0	5,831.0	115,834.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,505,456	19,899,259	348,220,142
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	812,800	6,588,400	114,467,790
18. NET ELECTRICAL ENERGY GENERATED (MWH)	781,700	6,387,667	109,830,123

DATE SEPTEMBER 11, 1995

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0	100.0	62.5
20. UNIT AVAILABILITY FACTOR	100.0	100.0	62.5
21. UNIT CAPACITY FACTOR (USING MDC NET)	96.1	100.2	56.2
22. UNIT CAPACITY FACTOR (USING DER NET)		DER RATING TBD	
23. UNIT FORCED OUTAGE RATE	0.0	0.0	12.5
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: 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 SEPTEMBER 11, 1995

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 PERFORMANCE AND RELIABILITY  
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 PEACH BOTTOM ATOMIC POWER STATION  
 TELEPHONE (717) 456-7014 EXT. 4027

OPERATING STATUS

- 1. UNIT NAME: PEACH BOTTOM UNIT 3
- 2. REPORTING PERIOD: AUGUST, 1995
- 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	744	5,831	181,367
12. NUMBER OF HOURS REACTOR WAS CRITICAL	717.0	5,693.5	118,952.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	717.0	5,679.0	115,558.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,525,553	16,481,432	343,055,375
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	454,400	5,300,700	112,446,732
18. NET ELECTRICAL ENERGY GENERATED (MWH)	423,621	5,078,884	107,920,243

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 DATE SEPTEMBER 11, 1995  
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	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	96.4	97.4	63.7
20. UNIT AVAILABILITY FACTOR	96.4	97.4	63.7
21. UNIT CAPACITY FACTOR (USING MDC NET)	55.0	84.2	57.5
22. UNIT CAPACITY FACTOR (USING DER NET)	53.5	81.8	55.9
23. UNIT FORCED OUTAGE RATE	3.6	2.6	11.2

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: 10/20/95

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 SEPTEMBER 11, 1995

REPORT MONTH AUGUST, 1995

COMPLETED BY PECO ENERGY COMPANY

W. J. JEFFREY  
 PERFORMANCE AND RELIABILITY  
 SITE ENGINEERING  
 PEACH BOTTOM ATOMIC POWER STATION  
 TELEPHONE (717) 456-7014 EXT. 4027

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
11	950811	F	66.0	H	4		HC	GENERA	MG SET MAINTENANCE. REACTOR NOT SHUTDOWN.
12	950816	F	3.0	H	4		RC	CONROD	ROD PATTERN ADJUSTMENT. REACTOR NOTSHUTDOWN.
			----- 69.0						

(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 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 SEPTEMBER 11, 1995

REPORT MONTH AUGUST, 1995

COMPLETED BY PECO ENERGY 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
11	950801	F	27.0	A	3		HC	VALVEX	FEEDWATER TRANSIENT. HIGH REACTOR LEVEL SCRAM
12	950825	F	22.0	H	4		HC	VALVEX	TURBINE CONTROL VALVE CLOSURE. REACTOR NOT SHUTDOWN
			49.0						

(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