



PECO ENERGY

Gerald R. Rainey
Vice President
Peach Bottom Atomic Power Station

PECO Energy Company
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717 456 7014

August 10, 1994

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 July 1994 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

Handwritten initials: GRR, AJW, GHG, TJN, MSH, wjj
GRR/AJW/GHG/TJN/MSH: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

ccn 94-14132

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PEACH BOTTOM ATOMIC POWER STATION
NRC MONTHLY OPERATIONS SUMMARY
JULY 1994

UNIT 2

Unit 2 began the month of July at a nominal 94% power in the fuel coastdown mode. The unit operated in the fuel coastdown mode for the entire month of July. There were no load drops or outages this month.

UNIT 3

Unit 3 began the month of July at nominal 100% power. The unit operated at that power level for the entire month of July. There were no load drops or outages this month.

UNIT 2 REFUELING INFORMATION

1. Name of facility:

Peach Bottom Unit 2

2. Scheduled date for next refueling shutdown:

Reload 10 scheduled for September 17, 1994.

3. Scheduled date for restart following refueling:

Restart following refueling forecast for November 4, 1994.

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?

93-01 ARTS/MELLA
93-02 Recirc Pump M/G Set Replacement
93-12 Power Rerate
94-01 ECCS Refuel Operability Requirements
92-14 Unit 2 CAD Analyzer Upgrade

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

93-01 Submitted April 1993
93-12 Submitted June 1993
92-14 Submitted May 1994
93-02 Submitted May 1994
94-01 Submitted May 1994

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 - 2164 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 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 10 scheduled for September 11, 1995
3. Scheduled date for restart following refueling

Restart following refueling scheduled for November 13, 1995
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?
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 - 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 1997 with full core offload capability.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 277

UNIT PEACH BOTTOM UNIT 2

DATE AUGUST 10, 1994

COMPANY PECO ENERGY COMPANY

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

TELEPHONE (717) 456-7014 EXT. 4027

MONTH JULY 1994

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	927	17	843
2	923	18	847
3	915	19	835
4	914	20	834
5	906	21	827
6	892	22	823
7	899	23	823
8	890	24	819
9	878	25	810
10	873	26	826
11	869	27	795
12	860	28	811
13	860	29	802
14	860	30	798
15	852	31	797
16	848		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 278

UNIT PEACH BOTTOM UNIT 3

DATE AUGUST 10, 1994

COMPANY PECO ENERGY COMPANY

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

TELEPHONE (717) 456-7014 EXT. 4027

MONTH JULY 1994

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1038	17	1026
2	1015	18	1029
3	1028	19	1026
4	1035	20	1025
5	1035	21	1026
6	1025	22	1031
7	1040	23	1026
8	1031	24	1022
9	1027	25	1026
10	1027	26	1042
11	1023	27	1015
12	1022	28	1031
13	1025	29	1027
14	1031	30	1031
15	1025	31	1030
16	1022		

OPERATING DATA REPORT

DOCKET NO. 50 - 277

DATE AUGUST 10, 1994

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: JULY, 1994
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): 1051

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	5,087	175,967
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	4,982.0	111,094.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	744.0	4,966.0	107,186.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,175,293	15,511,115	320,000,608
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	667,600	5,036,700	105,188,190
18. NET ELECTRICAL ENERGY GENERATED (MWH)	634,896	4,863,435	100,854,237

OPERATING DATA REPORT (CONTINUED)

DOCKET NO. 50 - 277

DATE AUGUST 10, 1994

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0	97.6	60.9
20. UNIT AVAILABILITY FACTOR	100.0	97.6	60.9
21. UNIT CAPACITY FACTOR (USING MDC NET)	81.2	91.0	54.5
22. UNIT CAPACITY FACTOR (USING DER NET)	80.1	89.8	53.8
23. UNIT FORCED OUTAGE RATE	0.0	2.4	13.4

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 AUGUST 10, 1994

COMPLETED BY PECO ENERGY COMPANY

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PERFORMANCE AND RELIABILITY

SITE ENGINEERING

PEACH BOTTOM ATOMIC POWER STATION

TELEPHONE (717) 456-7014 EXT. 4027

OPERATING STATUS

1. UNIT NAME: PEACH BOTTOM UNIT 3
2. REPORTING PERIOD: JULY, 1994
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	5,087	171,863
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	5,006.0	109,677.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	744.0	5,006.0	106,297.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,447,753	16,289,406	315,062,883
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	794,700	5,363,100	103,353,232
18. NET ELECTRICAL ENERGY GENERATED (MWH)	764,658	5,198,541	99,172,548

OPERATING DATA REPORT (CONTINUED)

DOCKET NO. 50 - 278

DATE AUGUST 10, 1994

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0	98.4	61.8
20. UNIT AVAILABILITY FACTOR	100.0	98.4	61.8
21. UNIT CAPACITY FACTOR (USING MDC NET)	99.3	98.7	55.8
22. UNIT CAPACITY FACTOR (USING DER NET)	96.5	96.0	54.2
23. UNIT FORCED OUTAGE RATE	0.0	1.6	11.9

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: 11/14/95

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 AUGUST 10, 1994

REPORT MONTH JULY, 1994

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) (2)	REASON (3)	METHOD OF SHUTTING DOWN REACTOR (3)	LICENSEE EVENT REPORT #	SYSTEM CODE (4)	COMPONENT CODE (5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
									NONE

(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-D161)

(5)

EXHIBIT I - SAME SOURCE

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 278

UNIT NAME PEACH BOTTOM UNIT 3

DATE AUGUST 10, 1994

REPORT MONTH JULY, 1994

COMPLETED BY PECO ENERGY COMPANY

W. J. JEFFREY

PERFORMANCE AND RELIABILITY

SITE ENGINEERING

PEACH BOTTOM ATOMIC POWER STATION

TELEPHONE (717) 456-7014 EXT. 4137

NO.	DATE	TYPE (1)	DURATION (HOURS) (2)	REASON (3)	METHOD OF SHUTTING DOWN REACTOR (4)	LICENSEE EVENT REPORT #	SYSTEM CODE (5)	COMPONENT CODE (6)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
									NONE

(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