



PECO ENERGY

Gerald R. Rainey
Vice President
Peach Bottom Atomic Power Station

PECO Energy Company
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717 456 7014

July 11, 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 June 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

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
C.D. Schaefer, Delmarva Power
INPO Records Center

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PEACH BOTTOM ATOMIC POWER STATION
NRC MONTHLY OPERATIONS SUMMARY
JUNE 1994

UNIT 2

Unit 2 began the month of June at a nominal 100% power. On June 5th at 00:00 hours the unit began end of cycle coastdown. On June 12th power was reduced to remove the 5th stage feedwater heaters. The unit returned to 100% nominal power in the fuel coastdown mode at 22:00 hours on the same day. On June 24 power was reduced due to low condenser vacuum caused by increasing river water temperature and condenser tube fouling. The unit returned to approximately 95% power on June 28th and operated in the fuel coastdown mode for the remainder of the month.

UNIT 3

Unit 3 began the month of June at nominal 100% power. On June 10th a load drop was taken to perform a rod pattern adjustment. Also condenser waterbox cleaning and M/G set lube oil cooler cleaning was performed during this load drop. The unit was returning to 100% nominal power on June 12th but power had to be reduced again due to control valve oscillations caused by EHC. The unit was returned to 100% nominal power on June 13th. On June 18th power was reduced to repack "C" circ water pump. The unit was returned to 100% on June 19th and operated at that power level 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 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 JULY 8, 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 JUNE 1994

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1027	17	976
2	1027	18	977
3	1023	19	987
4	1030	20	953
5	1015	21	973
6	1018	22	952
7	998	23	951
8	1001	24	911
9	998	25	908
10	990	26	908
11	994	27	900
12	886	28	903
13	999	29	935
14	999	30	923
15	998		
16	989		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 278

UNIT PEACH BOTTOM UNIT 3

DATE JULY 8, 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 JUNE 1994

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1042	17	1039
2	1045	18	1018
3	1042	19	1045
4	1046	20	1019
5	1042	21	1039
6	1045	22	1035
7	1037	23	1029
8	1045	24	1034
9	1042	25	1031
10	960	26	1039
11	484	27	1031
12	852	28	1035
13	1041	29	1035
14	1041	30	1026
15	1047		
16	1038		

OPERATING DATA REPORT

DOCKET NO. 50 - 277

DATE JULY 8, 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: JUNE, 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	720	4,343	175,223
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	4,238.0	110,350.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	720.0	4,222.0	106,442.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,305,846	13,335,822	317,825,315
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	729,000	4,369,100	104,520,590
18. NET ELECTRICAL ENERGY GENERATED (MWH)	699,583	4,228,539	100,219,341

OPERATING DATA REPORT (CONTINUED)

DOCKET NO. 50 - 277

DATE JULY 8, 1994

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0	97.2	60.7
20. UNIT AVAILABILITY FACTOR	100.0	97.2	60.7
21. UNIT CAPACITY FACTOR (USING MDC NET)	92.4	92.6	54.4
22. UNIT CAPACITY FACTOR (USING DER NET)	91.2	91.4	53.7
23. UNIT FORCED OUTAGE RATE	0.0	2.8	13.5

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 JULY 8, 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 3
2. REPORTING PERIOD: JUNE, 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	720	4,343	171,119
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	4,262.0	108,933.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	720.0	4,262.0	105,553.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,309,410	13,841,653	312,615,130
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	754,700	4,568,400	102,558,532
18. NET ELECTRICAL ENERGY GENERATED (MWH)	727,279	4,433,883	98,407,890

DATE JULY 8, 1994

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0	98.1	61.7
20. UNIT AVAILABILITY FACTOR	100.0	98.1	61.7
21. UNIT CAPACITY FACTOR (USING MDC NET)	97.6	98.6	55.6
22. UNIT CAPACITY FACTOR (USING DER NET)	94.8	95.9	54.0
23. UNIT FORCED OUTAGE RATE	0.0	1.9	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 JULY 8, 1994

REPORT MONTH JUNE, 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 (4)	LICENSEE EVENT REPORT #	SYSTEM CODE (5)	COMPONENT CODE (6)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
24	940612	S	22.0	H	4	N/A	HC	HTEXCH	REMOVAL OF 5TH STAGE FEEDWATER HEATERS. REACTOR NOT SHUTDOWN.
25	940624	F	104.0	A	4	N/A	HC	HTEXCH	LOW CONDENSER VACUUM DUE TO CONDENSER FOULING AND HIGH RIVER TEMP. REACTOR NOT SHUTDOWN
			126.0						

(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 JULY 8, 1994

REPORT MONTH JUNE, 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 (2)	METHOD OF SHUTTING DOWN REACTOR (3)	LICENSEE EVENT REPORT #	SYSTEM CODE (4)	COMPONENT CODE (5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
4	940610	F	35.0	B	4	N/A	RC	CONROD	ROD PATTERN ADJUSTMENT AND WATERBOX CLEANING. REACTOR NOT SHUTDOWN.
5	940612	F	19.0	B	4	N/A	HA	INSTRU	MAIN CONTROL VALVE OSCILLATIONS DUE TO EHC ELECTRONICS. REACTOR NOT SHUTDOWN
6	940618	F	6.0	B	4	N/A	HC	PUMPXX	REPACK "C" CIRC WATER PUMP. REACTOR NOT SHUTDOWN.
			60.0						

(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