Gerald R. Rainey
Vice President
Peach Bottom Atomic Power Station

PECO ENERGY

PECO Energy Company
RD 1, Box 208
Delta, PA 17314-9739
717 456 7014

September 12,1994

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 August 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
A.F. Kirby, III, Delmarva Power & Light
INPO Records Center

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PEACH BOTTOM ATOMIC POWER STATION
NRC MONTHLY OPERATIONS SUMMARY
AUGUST 1994

UNIT 2

Unit 2 began the month of August at a nominal 77% power in the fuel coastdown mode. The unit operated in the fuel coastdown mode for the entire month of August. There were no load drops or outages this month.

UNIT 3

Unit 3 began the month of August at nominal 100% power. The unit operated at that power level until the 6th when power was reduced to perform maintenance on the "B" Re MG Set. The unit was returning to power but power ascension was stopped to determine the cause of the Recombiner system steam leak. Unit 3 returned to 100% nominal power on August 12th and operated at that level until the 15th when power was reduced to perform maintenance on the "C" reactor feed pump. The unit returned to 100% power on the 17th. On the 19th power was reduced to perform leak repairs on the Recombiner system and returned to 100% on the 20th. On August 22nd power was reduced again for Hydrogen Recombiner leak repairs and returned to 100% power on the 23rd and operated at that level for the remainder of August. During August there were three requests by the Load Dispatcher for decreased generation. These requests were on August 7th, 12th and the 19th and covered approximately 26 hours.

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?

   93-12 Power Rerate
   94-01 ECCS Refuel Operability Requirements
   94-06 CRD Testing at 40% Power

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

   93-12 Submitted June 1993
   94-01 Submitted May 1994
   94-06 Submitted June 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.

Docket No. 50-278
Attachment to
Monthly Operating
Report for July 1994

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 SEPTEMBER 9,1994
COMPANY PECO ENERGY COMPANY

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

TELEPHONE (717) 456-7014 EXT. 4027

MONTH AUGUST 1994

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	797	17	741
2	797	18	741
3	775	19	740
4	775	20	749
5	771	21	773
6	774	22	731
7	782	23	725
8	759	24	720
9	774	25	717
10	771	26	720
11	759	27	719
12	763	28	706
13	751	29	706
14	753	30	698
15	744	31	698
16	741		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 278
UNIT PEACH BOTTOM UNIT 3
DATE SEPTEMBER 9,1994
COMPANY PECO ENERGY COMPANY

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

TELEPHONE (717) 456-7014 EXT. 4027

MONTH AUGUST 1994

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1038	17	1018
2	1038	18	1037
3	1024	19	927
4	1036	20	1023
5	1035	21	1029
6	680	22	610
7	438	23	999
8	620	24	1053
9	683	25	1037
10	784	26	1053
11	780	27	1046
12	1010	28	1046
13	1026	29	1046
14	1032	30	1046
15	918	31	1042
16	924		

OPERATING DATA REPORT

DOCKET NO. 50 - 277
DATE SEPTEMBER 9,1994
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: AUGUST, 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	5,831	176,711
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	5,726.0	111,858.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	744.0	5,710.0	107,930.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,902,785	17,413,900	321,[illegible]3,393
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	585,900	5,622,600	105,774,090
18. NET ELECTRICAL ENERGY GENERATED (MWH)	556,179	5,419,614	101,410,416

DATE SEPTEMBER 9,1994

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0	97.9	61.1
20. UNIT AVAILABILITY FACTOR	100.0	97.9	61.1
21. UNIT CAPACITY FACTOR (USING MDC NET)	71.1	88.4	54.6
22. UNIT CAPACITY FACTOR (USING DER NET)	70.2	87.3	53.9
23. UNIT FORCED OUTAGE RATE	0.0	2.1	13.3

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 9,1994
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: AUGUST, 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	5,831	172,607
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	5,750.0	110,421.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	744.0	5,750.0	107,041.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,237,520	18,526,926	317,300,403
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	725,100	6,088,200	104,078,332
18. NET ELECTRICAL ENERGY GENERATED (MWH)	698,084	5,896,625	99,870,632

DATE SEPTEMBER 9,1994

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0	98.6	62.0
20. UNIT AVAILABILITY FACTOR	100.0	98.6	62.0
21. UNIT CAPACITY FACTOR (USING MDC NET)	90.7	97.7	55.9
22. UNIT CAPACITY FACTOR (USING DER NET)	88.1	95.0	54.3
23. UNIT FORCED OUTAGE RATE	0.0	1.	11.8

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 SEPTEMBER 9,1994
COMPLETED BY PECO ENERGY COMPANY

REPORT MONTH AUGUST, 1994

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

(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 9,1994
COMPLETED BY PECO ENERGY COMPANY

REPORT MONTH AUGUST, 1994

W. J. JEFFREY
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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
7	940806	F	30.0	B	4		CB	GENERA	"B" RECIRC M/G SET BRUSHES
8	940807	F	20.0	H	4		HA	GENERA	MINIMUM GENERATION REQUEST
9	940808	F	85.0	B	4		MB	RECOMB	HYDROGEN RECOMBINER LEAK TROUBLESHOOTING
10	940812	F	3.0	H	4		HA	GENERA	MINIMUM GENERATION REQUEST
11	940815	F	53.0	B	4		CH	PUMPXX	"C" REACTOR FEED PUMP REPAIRS
12	940819	F	18.0	B	4		MR	RECOMB	HYDROGEN RECOMBINER LEAK TROUBLE REPAIR
13	940819	F	5.0	H	4		HA	GENERA	MINIMUM GENERATION REQUEST
14	940822	F	36.0	B	4		MR	RECOM	HYDROGEN RECOMBINER LEAK REAIR
15	940824	F	4.0	B	4		CB	GENERA	M/G SET STOPS ADJUSTMENT
			254.0						

(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