PECO NUCLEAR
A Unit of PECO Energy

PECO Energy Company
1848 Lay Road
Delta, PA 17314-9032
717 456 7014

May 7, 1997

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 April 1997 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

MEW/MJM:cmc

Enclosures

cc: W. T. Henrick, Public Service Electric & Gas
E. Salowitz, 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
J. A. Isabella, 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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ccn 97-14029

PEACH BOTTOM ATOMIC POWER STATION
NRC MONTHLY OPERATIONS SUMMARY
APRIL 1997

UNIT 2

Unit 2 began the month at 100% power. On 4/1 a load dropped occurred due to an EHC Fluid leak then returned to 100% power on 4/4 and remained there for the remainder of the month.

Unit 2 Net Generation for April was 784,086 MWH.

UNIT 3

Unit 3 began the month at 100% power. On 4/9 the 3B Recirc Pump tripped due a fault in the "C" phase cable. The Unit was returned to 100% power on 4/12. On 4/21 Recirc Runback occurred during Feedwater Control System Computer transfer of control. The unit was returned to 100% power on 4/24 and remained there for the remainder of the month.

Unit 3 Net Generation for April was 738,281 MWH.

Attachment to
Monthly Operating
Report for April 1997

UNIT 2 REFUELING INFORMATION

1. Name of facility:

   Peach Bottom Unit 2

2. Scheduled date for next refueling shutdown:

   Reload 12 is scheduled for September 15, 1998.

3. Scheduled date for restart following refueling:

   Restart following refueling forecast for October 10, 1998.

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?

   N/A

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:

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 October 3, 1997

3. Scheduled date for restart following refueling

   Restart following refueling scheduled for November 1, 1997

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?

   1. Wide Range Neutron Monitoring Modification 5395.
   2. Large Primary Containment Purge and Vent Isolation Valve Boot Seal Replacement Frequency Change.
   3. ECCS/EDG Shutdown Specification Change.
   4. Exclude MSIV leakage from 0.6 L_a.

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

   The first item has been submitted, including the response to an NRC RAI.
   The other items are planned to be submitted by May, 1997.

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 MAY 7, 1997
COMPANY PECO ENERGY COMPANY
L. P. HYDRICK
BUSINESS SERVICES
SITE SUPPORT DIVISION
PEACH BOTTOM ATOMIC POWER STATION
TELEPHONE (717) 456-4383

MONTH APRIL, 1997

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	579	17	1122
2	750	18	1126
3	1072	19	1125
4	1106	20	1125
5	1127	21	1121
6	1127	22	1125
7	1116	23	1121
8	1122	24	1125
9	1125	25	1129
10	1120	26	1117
11	1129	27	1125
12	1126	28	1125
13	1121	29	1121
14	1125	30	1122
15	1122		
16	1123		

OPERATING DATA REPORT

DOCKET NO. 50 - 277
DATE MAY 7, 1997
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: APRIL, 1997
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	719	2,879	200,063
12. NUMBER OF HOURS REACTOR WAS CRITICAL	719.0	2,879.0	133,794.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	719.0	2,879.0	129,656.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,421,492	9,863,283	391,838,863
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	804,200	3,287,800	126,757,390
18. NET ELECTRICAL ENERGY GENERATED (MWH)	784,066	3,206,987	123,673,440

OPERATING DATA REPORT (CONTINUED)

DOCKET NO. 50 - 277

DATE MAY 7, 1997

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0 %	100.0 %	64.8 %
20. UNIT AVAILABILITY FACTOR	100.0 %	100.0 %	64.8 %
21. UNIT CAPACITY FACTOR (USING MDC NET)	99.8 %	101.9 %	58.4 %
22. UNIT CAPACITY FACTOR (USING DER NET)	97.5 %	99.5 %	57.5 %
23. UNIT FORCED OUTAGE RATE	.0 %	.0 %	11.4 %

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 277
UNIT NAME PEACH BOTTOM UNIT 2
DATE MAY 7, 1997
COMPLETED BY PECO ENERGY COMPANY
L. P. HYDRICK
BUSINESS SERVICES
SITE SUPPORT DIVISION
PEACH BOTTOM ATOMIC POWER STATION
TELEPHONE (717) 456-4383

REPORT MONTH APRIL, 1997

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
3	970401	F		H	4		CC	INSTRU	EHC Fluid leak/RFP trouble (power reduction) Duration shown only for shut downs

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

AVERAGE DAILY POWER LEVEL

DOCKET NO. 50 - 278
UNIT PEACH BOTTOM UNIT 3
DATE MAY 7, 1997
COMPANY PECO ENERGY COMPANY
L. P. HYDRICK
BUSINESS SERVICES
SITE SUPPORT DIVISION
PEACH BOTTOM ATOMIC POWER STATION
TELEPHONE (717) 456-4383

MONTH APRIL, 1997

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1107	17	1108
2	1113	18	1112
3	1117	19	1108
4	1113	20	1 08
5	1109	21	402
6	1110	22	542
7	1112	23	1057
8	1108	24	1054
9	762	25	1106
10	574	26	1098
11	1004	27	1106
12	1030	28	1106
13	1109	29	1106
14	1100	30	1102
15	1117		
16	1109		

OPERATING DATA REPORT

DOCKET NO. 50 - 278
DATE MAY 7, 1997
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 3
2. REPORTING PERIOD: APRIL, 1997
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	719	2,879	195,959
12. NUMBER OF HOURS REACTOR WAS CRITICAL	719.0	2,819.5	132,801.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	719.0	2,807.0	129,242.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,320,989	9,295,037	388,297,015
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	759,000	3,059,400	127,377,832
18. NET ELECTRICAL ENERGY GENERATED (MWH)	738,281	2,978,776	122,417,317

OPERATING DATA REPORT (CONTINUED)

DOCKET NO. 50 - 278

DATE MAY 7, 1997

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0 %	97.5 %	66.0 %
20. UNIT AVAILABILITY FACTOR	100.0 %	97.5 %	66.0 %
21. UNIT CAPACITY FACTOR (USING MDC NET)	93.9 %	94.7 %	60.0 %
22. UNIT CAPACITY FACTOR (USING DER NET)	91.8 %	92.5 %	58.7 %
23. UNIT FORCED OUTAGE RATE	.0 %	2.5 %	10.3 %

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 - 278
UNIT NAME PEACH BOTTOM UNIT 3
DATE MAY 7, 1997
COMPLETED BY PECO ENERGY COMPANY
L. P. HYDRICK
BUSINESS SERVICES
SITE SUPPORT DIVISION
PEACH BOTTOM ATOMIC POWER STATION
TELEPHONE (717) 456-4383

REPORT MONTH APRIL, 1997

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
4	970409	F		H	4		CB	PUMPXX	Recirc pump trip (power reduction) Duration shown only for shut downs
5	970421	F		H	4		CH	INSTRU	Feedwater computer trouble/Recirc runback (power reduction) Duration shown only for shut downs

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