PECO NUCLEAR

A UNIT OF PECO ENERGY

PECO Energy Company
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December 5, 1996

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 November 1996 forwarded pursuant to Technical Specification 5.6.4 under the guidance of Regulatory Guide 10.1, Revision 4.

Sincerely,

Mark E Warner

Mark E. Warner
Director, Site Engineering
Peach Bottom Atomic Power Station

MEW/JGH:lph

Enclosures

cc: B.W. Gorman, 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
T. N. Mitchell, PECO Nuclear, Vice President, Peach Bottom Atomic Power Station

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ccn 96-14093

bcc:

J. B. Cotton	63B-5 - Chesterbrook
J. Lewis	SMB3-7 -Peach Bottom
Commitment Coordinator	62A-1 - Chesterbrook
Correspondence Control Program	61B-3 - Chesterbrook
D. B. Fetters	62C-3 - Chesterbrook
E. J. Cullen	S23-1 - Main Office
G. D. Edwards	A4-1S - Peach Bottom
A. A. Fulvio	SMB4-5- Peach Bottom
G. A. Hunger	62A-1 - Chesterbrook
M. A. Christinziano	52A-5 - Chesterbrook
S. P. Focht, P.E.	ANI
S. Maingi	PA DER
C. J. McDermott	S13-1 - Main Office
R. A. Kankus	62C-3 - Chesterbrook
D. M. Smith	63C-3 - Chesterbrook
C. M. Valera	63C-3 - Chesterbrook
M. E. Warner	SMB3-2- Peach Bottom

PEACH BOTTOM ATOMIC POWER STATION
NRC MONTHLY OPERATIONS SUMMARY
NOVEMBER 1996

UNIT 2

Unit 2 began the month of November at 100% power. On 11/22/96 a planned load drop began in order to perform MSIV Testing, Condenser waterbox cleaning, and #6 CIV investigation. The Unit returned to full power on 11/23/96 and remained at full power for the duration of the month.

Unit 2 Net Generation for November was 806,149 MWH.

UNIT 3

Unit 3 ran at 100% power for the entire month of November.

Unit 3 Net Generation for November was 804,994 MWH.

Attachment to
Monthly Operating
Report for November 1996

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.

Docket No. 50-278
Attachment to
Monthly Operating
Report for November 1996

UNIT 3 REFUELING INFORMATION

1. Name of facility:

   Peach Bottom Unit 3

2. Scheduled date for next refueling shutdown:

   Reload 11 scheduled for September 12, 1997

3. Scheduled date for restart following refueling

   Restart following refueling scheduled for October 11, 1997

4. Will refueling or resumption of operation thereafter 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:

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 DECEMBER 11, 1996
COMPANY PECO ENERGY COMPANY
L. P. HYDRICK
BUSINESS SERVICES
SITE SUPPORT DIVISION
PEACH BOTTOM ATOMIC POWER STATION
TELEPHONE (717) 456-4383

MONTH NOVEMBER, 1996

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1119	17	1124
2	1114	18	1129
3	1116	19	1121
4	1116	20	1124
5	1116	21	1125
6	1116	22	1120
7	1116	23	1045
8	1118	24	1123
9	1120	25	1135
10	1116	26	1131
11	1120	27	1118
12	1121	28	1131
13	1129	29	1131
14	1120	30	1122
15	1124		
16	1129		

OPERATING DATA REPORT

DOCKET NO. 50 - 277
DATE DECEMBER 11, 1996
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: NOVEMBER, 1996
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	720	8,040	196,440
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	7,576.0	130,171.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	720.0	7,432.0	126,033.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,482,586	21,828,038	379,404,081
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	828,900	7,071,400	124,611,190
18. NET ELECTRICAL ENERGY GENERATED (MWH)	806,149	6,822,461	119,628,356

OPERATING DATA REPORT (CONTINUED)

DOCKET NO. 50 - 277

DATE DECEMBER 11, 1996

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0 %	92.4 %	64.2 %
20. UNIT AVAILABILITY FACTOR	100.0 %	92.4 %	64.2 %
21. UNIT CAPACITY FACTOR (USING MDC NET)	102.4 %	77.6 %	57.6 %
22. UNIT CAPACITY FACTOR (USING DER NET)	100.1 %	75.8 %	56.8 %
23. UNIT FORCED OUTAGE RATE	.0 %	1.9 %	11.7 %

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 DECEMBER 11, 1996
COMPLETED BY PECO ENERGY COMPANY
L. P. HYDRICK
BUSINESS SERVICES
SITE SUPPORT DIVISION
PEACH BOTTOM ATOMIC POWER STATION
TELEPHONE (717) 456-4383

REPORT MONTH NOVEMBER, 1996

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
27	961122	S			4		CD	VALVEX	MSIV testing, Waterbox Clng, CIV investig. (power reduction)

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 DECEMBER 11, 1996
COMPANY PECO ENERGY COMPANY
L. P. HYDRICK
BUSINESS SERVICES
SITE SUPPORT DIVISION
PEACH BOTTOM ATOMIC POWER STATION
TELEPHONE (717) 456-4383

MONTH NOVEMBER, 1996

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1122	17	1122
2	1108	18	1123
3	1110	19	1115
4	1114	20	1119
5	1110	21	1121
6	1114	22	1134
7	1110	23	1113
8	1112	24	1122
9	1118	25	1125
10	1114	26	1130
11	1118	27	1113
12	1116	28	1121
13	1122	29	1125
14	1114	30	1117
15	1118		
16	1118		

OPERATING DATA REPORT

DOCKET NO. 50 - 278
DATE DECEMBER 11, 1996
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: NOVEMBER, 1996
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	720	8,040	192,336
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	7,951.1	129,238.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	720.0	7,883.0	125,691.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,488,644	26,768,797	376,455,254
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	828,800	8,851,900	123,471,332
18. NET ELECTRICAL ENERGY GENERATED (MWH)	804,994	8,598,630	118,612,482

OPERATING DATA REPORT (CONTINUED)

DOCKET NO. 50 - 278

DATE DECEMBER 11, 1996

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0 %	98.0 %	65.3 %
20. UNIT AVAILABILITY FACTOR	100.0 %	98.0 %	65.3 %
21. UNIT CAPACITY FACTOR (USING MDC NET)	102.3 %	97.8 %	59.3 %
22. UNIT CAPACITY FACTOR (USING DER NET)	99.9 %	95.6 %	57.7 %
23. UNIT FORCED OUTAGE RATE	.0 %	2.0 %	10.5 %

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 DECEMBER 11, 1996
COMPLETED BY PECO ENERGY COMPANY
L. P. HYDRICK
BUSINESS SERVICES
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TELEPHONE (717) 456-4383

REPORT MONTH NOVEMBER, 1996

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
23	961120	S		H	4		RB	CONROD	Rod pattern adjustment (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)

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EXHIBIT G - INSTRUCTIONS FOR PREPARATION OF DATA ENTRY SHEETS FOR LICENSEE EVENT REPORT (LER) FILE (NUREG-0161)

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EXHIBIT I - SAME SOURCE