AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 277

UNIT PEACH BOTTOM UNIT 2

DATE JANUARY 15, 1988

COMPANY PHILADELPHIA ELECTRIC COMPANY

L. L. MIDDLETON
TECHNICAL ASSISTANT
LICENSING SECTION
NUCLEAR SUPPORT DEPARTMENT

TELEPHONE (215) 841-6374

MONTH DECEMBER 1987

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	0
16	0		

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 278

UNIT PEACH BOTTOM UNIT 3

DATE JANUARY 15, 1988

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MONTH DECEMBER 1987

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	0
16	0		

OPERATING DATA REPORT

DOCKET NO. 50 - 277

DATE JANUARY 15, 1988

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

L. L. MIDDLETON
TECHNICAL ASSISTANT
LICENSING SECTION
NUCLEAR SUPPORT DEPARTMENT
TELEPHONE (215) 841-6374

OPERATING STATUS

1. UNIT NAME: PEACH BOTTOM UNIT 2
2. REPORTING PERIOD: DECEMBER, 1987
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: UNIT 2 REMAINED SHUTDOWN UNDER NRC ORDER WITH REFUEL ACTIVITY CONTINUING.

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	8,760	118,272
12. NUMBER OF HOURS REACTOR WAS CRITICAL	0	1,729.8	74,196.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	0.0	1,724.0	71,866.8
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	0	4,979,376	212,810,745
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	0	1,648,230	70,019,230
18. NET ELECTRICAL ENERGY GENERATED (MWH)	* -3,844	1,552,256	67,041,116

DATE JANUARY 15, 1988

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	0.0	19.7	60.8
20. UNIT AVAILABILITY FACTOR	0.0	19.7	60.8
21. UNIT CAPACITY FACTOR (USING MDC NET)	0.0	16.9	53.9
22. UNIT CAPACITY FACTOR (USING DER NET)	0.0	16.6	53.2
23. UNIT FORCED OUTAGE RATE	0.0	42.9	14.6

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
REFUELING OUTAGE

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

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

* - NEGATIVE VALUE REPORTED FOR CONSISTENCY WITH FEDERAL ENERGY REGULATORY COMMISSION REPORTS.

OPERATING DATA REPORT

DOCKET NO. 50 - 278
DATE JANUARY 15, 1988
COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

L. L. MIDDLETON
TECHNICAL ASSISTANT
LICENSING SECTION
NUCLEAR SUPPORT DEPARTMENT
TELEPHONE (215) 841-6374

OPERATING STATUS

1. UNIT NAME: PEACH BOTTOM UNIT 3
2. REPORTING PERIOD: DECEMBER, 1987
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: UNIT 3 REMAINED SHUTDOWN UNDER NRC ORDER WITH REFUEL AND PIPE REPLACEMENT IN PROGRESS.

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	8,760	114,168
12. NUMBER OF HOURS REACTOR WAS CRITICAL	0	1,824.9	76,357.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	0.0	1,659.6	73,929.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	0	4,759,248	215,278,901
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	0	1,555,560	70,611,432
18. NET ELECTRICAL ENERGY GENERATED (MWH)	* -3,844	1,460,062	67,702,155

DATE JANUARY 15, 1988

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	0.0	18.9	64.8
20. UNIT AVAILABILITY FACTOR	0.0	18.9	64.8
21. UNIT CAPACITY FACTOR (USING MDC NET)	0.0	16.1	57.3
22. UNIT CAPACITY FACTOR (USING DER NET)	0.0	15.7	55.7
23. UNIT FORCED OUTAGE RATE	0.0	74.7	13.3

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
INDETERMINATE UNTIL NRC ORDER IS SATISFIED.

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

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 JANUARY 15, 1988

REPORT MONTH DECEMBER, 1987

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

L. L. MIDDLETON
TECHNICAL ASSISTANT
LICENSING SECTION
NUCLEAR SUPPORT DEPARTMENT
TELEPHONE (215) 841-6374

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	871201	S	744.0	C	1	N/A	RC	FUELXX	CONTINUATION OF REFUEL ACTIVITY
			744.0						

(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 JANUARY 15, 1988

REPORT MONTH DECEMBER, 1987

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

L. L. MIDDLETON
TECHNICAL ASSISTANT
LICENSING SECTION
NUCLEAR SUPPORT DEPARTMENT
TELEPHONE (215) 841-6374

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	871201	S	744.0	C	1	N/A	RC	FUELXX	CONTINUATION OF REFUEL AND PIPE REPLACEMENT ACTIVITY.
			744.0						

(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

PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

P.O. BOX 8699

PHILADELPHIA, PA. 19101

(215) 841-4000

January 14, 1988

Docket Nos. 50-277
50-278

Director
Office of Inspection & Enforcement
US Nuclear Regulatory Commission
Washington, DC 20555

Attention: Document Control Desk

SUBJECT: Peach Bottom Atomic Power Station
Monthly Operating Report

Gentlemen:

Attached are twelve copies of the monthly operating report for Peach Bottom Units 2 and 3 for the month of December 1987, forwarded pursuant to Technical Specification 6.9.1.d under the guidance of Regulatory Guide 10.1, Revision 4.

Very truly yours,

W. M. Alden

W. M. Alden
Director
Licensing Section
Nuclear Support Division

Attachment

cc: W. T. Russell, Administrator, Region I, USNRC
T. P. Johnson, PBAPS Resident Inspector
S. P. Mangi, Dept. of Envir. Resources
P. A. Ross, NRC (2 copies)
R. C. Martin, NRC Project Manager
Thomas Magette, Maryland Power Plant Siting
INPO Records Center

IE24
1/1

NRC Monthly Operations Summary
Peach Bottom Atomic Power Station
December, 1987

UNIT 2

Unit 2 remained shut down throughout the report period in compliance with the March 31, 1987 Shutdown Order, with maintenance and restart activities in progress.

Unit 3

Unit 3 remained shut down throughout the report period in compliance with the March 31, 1987 Shutdown Order, with recirculation system pipe replacement activities in progress.

Docket No. 50-277
Attachment to
Monthly Operating
Report for December, 1987

UNIT 2 REFUELING INFORMATION

1. Name of facility:

   Peach Bottom Unit 2

2. Scheduled date for next refueling shutdown:

   Reload 7 in progress

3. Scheduled date for restart following refueling:

   Indeterminate due to Shutdown Order

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?

   Modifications to reactor core operating limits. (Reload 7 amendment issued September 11, 1987.)

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

   Reload 8 license amendment to be submitted August 1989.

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:

   None expected.

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:

   (a) Core - 764 Fuel Assemblies, Core Offloaded During Outage
   (b) Fuel Pool - 1462 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.

UNIT 2 REFUELING INFORMATION (Continued)

9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present capacity:

March, 1998 (March 1995, with reserve full core discharge)

Docket No. 50-278
Attachment to
Monthly Operating
Report for December, 1987

UNIT 3 REFUELING INFORMATION

1. Name of facility:

   Peach Bottom Unit 3

2. Scheduled date for next refueling shutdown:

   Reload 7 in progress (Major Pipe Replacement Outage)

3. Scheduled date for restart following refueling

   Indeterminate due to Shutdown Order

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?

   Technical Specifications to accommodate reload fuel. Modifications to reactor core operating limits.

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

   Reload 7 License Amendment to be submitted March, 1988

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:

   None expected.

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:

   (a) Core - 0 Fuel Assemblies
   (b) Fuel Pool - 2260 Fuel Assemblies, 6 Fuel Rods

UNIT 3 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. This modification began on February 20, 1987. The completion date for this modification has been rescheduled for February, 1989 to accommodate the Unit 3 pipe replacement outage.

9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present capacity, prior to the completion of the new fuel racks installation:

   March, 1993 (reserve full core discharge cannot be accommodated after the restart following the completion of the October, 1987 refueling outage until the completion of the new fuel racks)

10. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the relicensed capacity, subsequent to the completion of the new fuel racks installation:

    March, 1999 (March, 1996, with reserve full core discharge)