**PEACH BOTTOM ATOMIC POWER STATION**
**NRC MONTHLY OPERATIONS SUMMARY**
December 1995

**UNIT 2**

Unit 2 shut down on December 1 for a planned maintenance outage. Major work activities included repairs to the "A" condensate pump, the "A" reactor feed pump, the "5B" feedwater heater, and a main steam relief valve. The unit was returned to service on December 8. The unit operated at 100% power for the rest of the month except for a load drop for a rod pattern adjustment made on December 14.

**UNIT 3**

Unit 3 began the month of December at 100% power. Unit 3 automatically scrammed on December 2 as a result of a main turbine trip. The unit was returned to service on December 6 and operated at 100% power for the rest of the month.

## UNIT 2 REFUELING INFORMATION

1. Name of facility:

   Peach Bottom Unit 2

2. Scheduled date for next refueling shutdown:

   Reload 11 scheduled for September 15, 1996.

3. Scheduled date for restart following refueling:

   Restart following refueling forecast for October 20, 1996.

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?

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 - 2436 Fuel Assemblies, 59 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 2004 without full core offload capability.

   September 1998 with full core offload capability.

Docket No. 50-278
Attachment to
Monthly Operating
Report for December 1995

## UNIT 3 REFUELING INFORMATION

1. Name of facility:

   Peach Bottom Unit 3

2. Scheduled date for next refueling shutdown:

   Reload 11 scheduled for September 15, 1997

3. Scheduled date for restart following refueling

   Restart following refueling scheduled for October 20, 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 - 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 1999 with full core offload capability.

## UNIT 3 CORRECTIONS - AUGUST 1995

| | Reported | Corrected |
|---|---|---|
| Number of Hours Reactor Was Critical | 717 | 742 |

## UNIT 3 CORRECTIONS - OCTOBER 1995

| | Reported | Corrected |
|---|---|---|
| Number of Hours Reactor Was Critical | 360 | 388 |

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 277
UNIT PEACH BOTTOM UNIT 2
DATE JANUARY 15,1996
COMPANY PECO ENERGY COMPANY

L. P. HYDRICK
BUSINESS SERVICES
SITE SUPPORT DIVISION
PEACH BOTTOM ATOMIC POWER STATION

TELEPHONE (717) 456-4383

MONTH DECEMBER 1995

| DAY | AVERAGE DAILY POWER LEVEL (MWE-NET) | DAY | AVERAGE DAILY POWER LEVEL (MWE-NET) |
|---|---|---|---|
| 1 | 617 | 17 | 1122 |
| 2 | 0 | 18 | 1130 |
| 3 | 0 | 19 | 1105 |
| 4 | 0 | 20 | 1125 |
| 5 | 0 | 21 | 1117 |
| 6 | 0 | 22 | 1121 |
| 7 | 0 | 23 | 1125 |
| 8 | 73 | 24 | 1121 |
| 9 | 587 | 25 | 1121 |
| 10 | 1093 | 26 | 1125 |
| 11 | 1116 | 27 | 1120 |
| 12 | 1120 | 28 | 1124 |
| 13 | 1120 | 29 | 1124 |
| 14 | 1116 | 30 | 1120 |
| 15 | 1105 | 31 | 1124 |
| 16 | 1118 | | |

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 278
UNIT PEACH BOTTOM UNIT 3
DATE JANUARY 15,1996
COMPANY PECO ENERGY COMPANY

L. P. HYDRICK
BUSINESS SERVICES
SITE SUPPORT DIVISION
PEACH BOTTOM ATOMIC POWER STATION

TELEPHONE (717) 456-4383

MONTH DECEMBER 1995

| DAY | AVERAGE DAILY POWER LEVEL (MWE-NET) | DAY | AVERAGE DAILY POWER LEVEL (MWE-NET) |
|---|---|---|---|
| 1 | 1132 | 17 | 1122 |
| 2 | 55 | 18 | 1130 |
| 3 | 0 | 19 | 1119 |
| 4 | 0 | 20 | 1137 |
| 5 | 0 | 21 | 1122 |
| 6 | 194 | 22 | 1118 |
| 7 | 651 | 23 | 1126 |
| 8 | 1084 | 24 | 1122 |
| 9 | 1114 | 25 | 1122 |
| 10 | 1126 | 26 | 1126 |
| 11 | 1126 | 27 | 1122 |
| 12 | 1126 | 28 | 1122 |
| 13 | 1126 | 29 | 1126 |
| 14 | 1121 | 30 | 1122 |
| 15 | 1130 | 31 | 1126 |
| 16 | 1122 | | |

OPERATING DATA REPORT

DOCKET NO. 50 - 277
DATE JANUARY 15,1996
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: DECEMBER, 1995
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 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 | 188,400 |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL | 616.4 | 8,632.4 | 122,595.5 |
| 13. REACTOR RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 0.0 |
| 14. HOURS GENERATOR ON-LINE | 582.0 | 8,598.0 | 118,601.2 |
| 15. UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 0.0 |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) | 1,925,758 | 29,255,160 | 357,576,043 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 638,000 | 9,660,400 | 117,539,790 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) | 19,794 | 9,363,439 | 112,805,895 |

DATE JANUARY 15,1996

| | THIS MONTH | YR-TO-DATE | CUMULATIVE |
|---|---|---|---|
| 19. UNIT SERVICE FACTOR | 78.2 | 98.2 | 63.0 |
| 20. UNIT AVAILABILITY FACTOR | 78.2 | 98.2 | 63.0 |
| 21. UNIT CAPACITY FACTOR (USING MDC NET) | 76.2 | 97.8 | 56.8 |
| 22. UNIT CAPACITY FACTOR (USING DER NET) | 74.4 | 95.5 | 56.0 |
| 23. UNIT FORCED OUTAGE RATE | 0.0 | 0.0 | 12.3 |

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 JANUARY 15,1996
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: DECEMBER, 1995
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 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 | 184,296 |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL | 676.3 | 7,974.8 | 121,234.2 |
| 13. REACTOR RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 0.0 |
| 14. HOURS GENERATOR ON-LINE | 645.0 | 7,929.0 | 117,808.2 |
| 15. UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 0.0 |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) | 2,143,630 | 23,112,515 | 349,686,458 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 713,900 | 7,473,400 | 114,619,432 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) | 694,293 | 7,172,493 | 110,013,852 |

DATE JANUARY 15,1996

| | THIS MONTH | YR-TO-DATE | CUMULATIVE |
|---|---|---|---|
| 19. UNIT SERVICE FACTOR | 86.7 | 90.5 | 63.9 |
| 20. UNIT AVAILABILITY FACTOR | 86.7 | 90.5 | 63.9 |
| 21. UNIT CAPACITY FACTOR (USING MDC NET) | 85.4 | 78.0 | 57.6 |
| 22. UNIT CAPACITY FACTOR (USING DER NET) | 83.4 | 76.0 | 56.0 |
| 23. UNIT FORCED OUTAGE RATE | 13.3 | 3.1 | 11.1 |

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 | | 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 15,1996
COMPLETED BY PECO ENERGY COMPANY

REPORT MONTH DECEMBER, 1995

L. P. HYDRICK
BUSINESS SERVICES
SITE SUPPORT DIVISION
PEACH BOTTOM ATOMIC POWER STATION
TELEPHONE (717) 456-4383

| 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 |
|---|---|---|---|---|---|---|---|---|---|
| 14 | 951201 | S | 162.0 | B | 1 | | ZZ | ZZZZZZ | PLANNED MAINTENANCE OUTAGE |
| | | | 162.0 | | | | | | |

(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

REPORT MONTH DECEMBER, 1995

DOCKET NO. 50 - 278
UNIT NAME PEACH BOTTOM UNIT 3
DATE JANUARY 15,1996
COMPLETED BY PECO ENERGY COMPANY

L. P. HYDRICK
BUSINESS SERVICES
SITE SUPPORT DIVISION
PEACH BOTTOM ATOMIC POWER STATION
TELEPHONE (717) 456-4383

| 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 |
|---|---|---|---|---|---|---|---|---|---|
| 15 | 951202 | F | 99.0 | H | 3 | | HA | TURBIN | AUTOMATIC SCRAM - TURBINE TRIP |
| | | | 99.0 | | | | | | |

(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