

OPERATING DATA REPORT

DOCKET NO. 50 - 277

DATE JUNE 14, 1984

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

W.M. ALDEN
ENGINEER-IN-CHARGE
LICENSING SECTION
GENERATION DIVISION-NUCLEAR

TELEPHONE (215) 841-5022

OPERATING STATUS

1. UNIT NAME: PEACH BOTTOM UNIT 2
2. REPORTING PERIOD: MAY, 1984
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
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:

NOTES: UNIT 2 CONTINUED ITS SCHEDULED SHUTDOWN FOR ITS SIXTH REFUELING AND MAINTENANCE OUTAGE.

| | THIS MONTH | YR-TO-DATE | CUMULATIVE |
|---|------------|------------|-------------|
| 11. HOURS IN REPORTING PERIOD | 744 | 3,647 | 86,855 |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL | 0 | 2,584.7 | 62,283.6 |
| 13. REACTOR RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 0.0 |
| 14. HOURS GENERATOR ON-LINE | 0.0 | 2,544.8 | 60,556.6 |
| 15. UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 0.0 |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) | 0 | 7,865,391 | 178,420,001 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 0 | 2,547,570 | 58,718,660 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) | * -6,680 | 2,459,140 | 56,295,570 |
| 19. UNIT SERVICE FACTOR | 0.0 | 69.8 | 69.7 |
| 20. UNIT AVAILABILITY FACTOR | 0.0 | 69.8 | 69.7 |
| 21. UNIT CAPACITY FACTOR (USING MDC NET) | 0.0 | 64.2 | 61.7 |
| 22. UNIT CAPACITY FACTOR (USING DER NET) | 0.0 | 63.3 | 60.9 |
| 23. UNIT FORCED OUTAGE RATE | 0.0 | 4.4 | 12.5 |

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
 1. CURRENTLY SHUTDOWN FOR ITS SIXTH REFUELING AND MAINTENANCE OUTAGE UNTIL 01/16/85.

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 01/16/85

26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

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

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PDR ADDCK 05000277
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ENGINEER-IN-CHARGE
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TELEPHONE (215) 841-5022

OPERATING STATUS:

1. UNIT NAME: PEACOCK BOTTOM UNIT 3
2. REPORTING PERIOD: MAY, 1984
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
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:

NOTES: UNIT 3 EXPERIENCED NO SHUTDOWNS IN THE MONTH OF MAY.

| | THIS MONTH | YR-TO-DATE | CUMULATIVE |
|---|------------|------------|-------------|
| 11. HOURS IN REPORTING PERIOD | 744 | 3,647 | 82,751 |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL | 744.0 | 3,344.3 | 60,144.1 |
| 13. REACTOR RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 0.0 |
| 14. HOURS GENERATOR ON-LINE | 744.0 | 3,312.5 | 58,628.7 |
| 15. UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 0.0 |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) | 2,381,582 | 10,593,337 | 171,631,642 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 790,020 | 3,530,040 | 56,345,160 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) | 763,116 | 3,424,510 | 54,088,295 |
| 19. UNIT SERVICE FACTOR | 100.0 | 90.8 | 70.8 |
| 20. UNIT AVAILABILITY FACTOR | 100.0 | 90.8 | 70.8 |
| 21. UNIT CAPACITY FACTOR (USING MDC NET) | 99.1 | 90.7 | 63.2 |
| 22. UNIT CAPACITY FACTOR (USING DER NET) | 96.3 | 88.2 | 61.4 |
| 23. UNIT FORCED OUTAGE RATE | 0.0 | 9.2 | 7.4 |

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:
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):

| | FORECAST | ACHIEVED |
|----------------------|----------|----------|
| INITIAL CRITICALITY | ----- | ----- |
| INITIAL ELECTRICITY | ----- | ----- |
| COMMERCIAL OPERATION | ----- | ----- |

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MAY, 1984

DOCKET NO. 50 - 277

UNIT NAME PEACH BOTTOM UNIT 2

DATE JUNE 14, 1984

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

W.M. ALDEN
ENGINEER-IN-CHARGE
LICENSING SECTION
GENERATION DIVISION-NUCLEAR
TELEPHONE (215) 841-5022

| NO. | DATE | TYPE (1) | DURATION (HOURS) (2) | REASON (3) | METHOD OF SHUTTING DOWN REACTOR (3) | LICENSEE EVENT REPORT # | SYSTEM | COMPONENT | CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE |
|-----|--------|-------------|----------------------------|---------------|---|-------------------------------|-------------|-------------|---|
| | | | | | | | CODE (4) | CODE (5) | |
| 5 | 840501 | S | 744.0 744.0 | C | 1 | NA | RC | PUELXX | SHUTDOWN FOR ITS SIXTH REFUELING OUTAGE. |

(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 MAY, 1984

DOCKET NO. 50 - 278

UNIT NAME PEACH BOTTOM UNIT 3

DATE JUNE 14, 1984

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

W.M. ALDEN
ENGINEER-IN-CHARGE
LICENSING SECTION
GENERATION DIVISION-NUCLEAR
TELEPHONE (215) 841-5022

| NO. | DATE | TYPE (1) | DURATION (HOURS) (2) | REASON (2) | METHOD OF SHUTTING DOWN REACTOR (3) | LICENSEE EVENT REPORT # | SYSTEM | COMPONENT | CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE |
|-----|------|-------------|----------------------------|---------------|---|-------------------------------|-------------|-------------|---|
| | | | | | | | CODE (4) | CODE (5) | |
| | | | | | | | | | |

(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 UNIT POWER LEVEL

DOCKET NO. 50 - 277

UNIT PEACH BOTTOM UNIT 2

DATE JUNE 14, 1984

COMPANY PHILADELPHIA ELECTRIC COMPANY

W.M.ALDEN
ENGINEER-IN-CHARGE
LICENSING SECTION
GENERATION DIVISION-NUCLEAR

TELEPHONE (215) 841-5022

MONTH MAY 1984

| 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 | | |

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 278

UNIT PEACH BOTTOM UNIT 3

DATE JUNE 14, 1984

COMPANY PHILADELPHIA ELECTRIC COMPANY

W.M. ALDEN
ENGINEER-IN-CHARGE
LICENSING SECTION
GENERATION DIVISION-NUCLEAR

TELEPHONE (215) 841-5022

MONTH MAY 1984

| DAY | AVERAGE DAILY POWER LEVEL (MWE-NET) | DAY | AVERAGE DAILY POWER LEVEL (MWE-NET) |
|-----|--|-----|--|
| 1 | 1057 | 17 | 1059 |
| 2 | 1054 | 18 | 1063 |
| 3 | 1054 | 19 | 1062 |
| 4 | 1057 | 20 | 1060 |
| 5 | 1060 | 21 | 1033 |
| 6 | 1058 | 22 | 992 |
| 7 | 1060 | 23 | 958 |
| 8 | 1058 | 24 | 956 |
| 9 | 1061 | 25 | 954 |
| 10 | 1060 | 26 | 952 |
| 11 | 1062 | 27 | 953 |
| 12 | 1053 | 28 | 956 |
| 13 | 1056 | 29 | 958 |
| 14 | 1059 | 30 | 956 |
| 15 | 1055 | 31 | 959 |
| 16 | 1060 | | |

REFUELING INFORMATION

1. Name of facility:

Peach Bottom Unit 2

2. Scheduled date for next refueling shutdown:

April 27, 1984

3. Scheduled date for restart following refueling:

January 16, 1985

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. Technical specification changes associated with snubber reduction program.

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

July 1, 1984 for reload fuel except snubber reduction program -
August 1, 1984.

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

(b) Fuel Pool - 1170 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 2816 fuel assemblies.

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

September, 1990 (March, 1986, with reserve full core discharge)

REFUELING INFORMATION

1. Name of facility:

Peach Bottom Unit 3

2. Scheduled date for next refueling shutdown:

March 30, 1985.

3. Scheduled date for restart following refueling:

September 21, 1985.

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. Technical specification changes associated with snubber reduction program.

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

June 21, 1985 for reload fuel

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

(b) Fuel Pool - 1212 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 2816 fuel assemblies.

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

September, 1991 (March, 1987, with reserve for full core discharge)

PEACH BOTTOM ATOMIC POWER STATION
NARRATIVE SUMMARY OF OPERATING EXPERIENCES
May, 1984

Unit 2

Unit 2's Sixth Refueling and Primary System Pipe Replacement Outage continued throughout the month of May. During the first week of May, the vessel head, steam dryer, and moisture separator were removed. Fuel has been transferred from the reactor core to the spent fuel pool in preparation for pipe replacements. Critical path work currently being performed is Control Rod Drive Removals & Vessel Inservice Inspection (ISI).

UNIT 3

The unit began the month at full power. On May 21, a leak in the 3C feedwater heater necessitated the removal of the 'C' feedwater heater string. The unit was maintained at 91% power for the remainder of the month.

On May 23, a 30% of Tech. Spec. vent stack radiation release originated from the off-gas recombiner system and was terminated when the mechanical compressor was isolated.

On May 29, the RCIC in-containment isolation valve was found to be inoperable. The Tech. Specs. required shutdown and repair within seven days.

PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET
P.O. BOX 8699
PHILADELPHIA, PA. 19101
(215) 841-4000

June 14, 1984

Docket Nos. 50-277
50-278

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

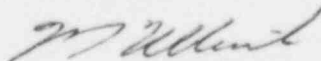
Attention: Document Control Desk

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 May, 1984 forwarded pursuant to Technical Specification 6.9.1.C under the guidance of Regulatory Guide 10.1, Revision 4.

Very truly yours,



W. T. Ullrich
Superintendent
Nuclear Generation Division

Attachment

cc: Dr. T. E. Murley, NRC
Mr. A. R. Blough, NRC Site Inspector
Mr. Stan P. Mangi, Dept. of Envir. Resources
Mr. P. A. Ross, NRC
INPO Records Center

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