

OPERATING DATA REPORT

DOCKET NO. 50 - 277

DATE MARCH 15, 1985

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: FEBRUARY, 1985
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 CONTINUED ITS
SCHEDULED SHUTDOWN FOR
ITS SIXTH REFUELING AND
MAINTENANCE OUTAGE.

8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASON
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	672	1,416	93,408
12. NUMBER OF HOURS REACTOR WAS CRITICAL	0	0	62,283.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	0.0	0.0	60,556.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	0	0	178,420,001
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	0	0	58,718,660
18. NET ELECTRICAL ENERGY GENERATED (MWH)	* -4,836	* -8,640	56,253,698
19. UNIT SERVICE FACTOR	0.0	0.0	64.8
20. UNIT AVAILABILITY FACTOR	0.0	0.0	64.8
21. UNIT CAPACITY FACTOR (USING MDC NET)	0.0	0.0	57.3
22. UNIT CAPACITY FACTOR (USING DER NET)	0.0	0.0	56.5
23. UNIT FORCED OUTAGE RATE	0.0	0.0	12.5
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): SCHEDULED SHUTDOWN FOR REFUELING AND MAINTENANCE, STARTED 4/27/84			

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 05/08/85

26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED
- INITIAL CRITICALITY
- INITIAL ELECTRICITY
- COMMERCIAL OPERATION

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OPERATING STATUS

1. UNIT NAME: PEACH BOTTOM UNIT 3
2. REPORTING PERIOD: FEBRUARY, 1985
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 INCURRED ONE SCHEDULED
OUTAGE, TO ACCOMMODATE
SURVEILLANCE TESTING.

8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASON
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	672	1,416	89,304
12. NUMBER OF HOURS REACTOR WAS CRITICAL	56.2	800.2	65,357.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	18.4	753.0	63,618.1
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	51,048	2,103,768	186,303,576
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	13,350	696,220	61,203,760
18. NET ELECTRICAL ENERGY GENERATED (MWH)	8,187	669,571	58,778,873
19. UNIT SERVICE FACTOR	2.7	53.2	71.2
20. UNIT AVAILABILITY FACTOR	2.7	53.2	71.2
21. UNIT CAPACITY FACTOR (USING MDC NET)	1.2	45.7	63.6
22. UNIT CAPACITY FACTOR (USING DER NET)	1.1	44.4	61.8
23. UNIT FORCED OUTAGE RATE	0.0	1.2	7.4

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
REFUELING AND MAINTENANCE OUTAGES FROM 5/11/85 FOR 8 WEEKS
UNTIL 7/05/85.

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 03/01/85

26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):
- | | |
|----------------------|----------|
| FORECAST | ACHIEVED |
| INITIAL CRITICALITY | |
| INITIAL ELECTRICITY | |
| COMMERCIAL OPERATION | |

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 277

UNIT PEACH BOTTOM UNIT 2

DATE MARCH 15, 1985

COMPANY PHILADELPHIA ELECTRIC COMPANY

W.M. ALDEN

ENGINEER-IN-CHARGE

LICENSING SECTION

GENERATION DIVISION-NUCLEAR

TELEPHONE (215) 841-5022

MONTH FEBRUARY 1985

DAY AVERAGE DAILY POWER LEVEL
(MWE-NET)

1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0

DAY AVERAGE DAILY POWER LEVEL
(MWE-NET)

17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0

AVERAGE DAILY UNIT POWER LEVEL

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UNIT PEACH BOTTOM UNIT 3

DATE MARCH 15, 1985

COMPANY PHILADELPHIA ELECTRIC COMPANY

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MONTH FEBRUARY 1985

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	536	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		
14	0		
15	0		
16	0		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 277

UNIT NAME PEACH BOTTOM UNIT 2

DATE MARCH 15, 1985

REPORT MONTH FEBRUARY, 1985

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

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LICENSING SECTION
GENERATION DIVISION-NUCLEAR
TELEPHONE (215) 841-5022

NO.	DATE	TYPE (1)	DURATION (HOURS) (2)	REASON (3)	METHOD OF SHUTTING DOWN REACTOR (4)	LICENSEE EVENT REPORT #	SYSTEM CODE (5)	COMPONENT CODE (6)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
1	850201	S	672.0	C	1	NA	RC	FUELXX	SHUTDOWN FOR ITS SIXTH REFUELING, MAINTENANCE, AND MAJOR MODIFICATION OUTAGE.
			----- 672.0						

(1)

(2)

(3)

(4)

F - FORCED
S - SCHEDULED

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)

METHOD
1 - MANUAL
2 - MANUAL SCRAM.
3 - AUTOMATIC SCRAM.
4 - OTHER (EXPLAIN)

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

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UNIT NAME PEACH BOTTOM UNIT 3

DATE MARCH 15, 1985

REPORT MONTH FEBRUARY, 1985

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LICENSING SECTION
GENERATION DIVISION-NUCLEAR
TELEPHONE (215) 841-5022

NO.	DATE	TYPE (1)	DURATION (HOURS) (2)	REASON (3)	METHOD OF SHUTTING DOWN REACTOR (4)	LICENSEE EVENT REPORT #	SYSTEM CODE (5)	COMPONENT CODE (6)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
4	850201	S	653.6	B	1	N/A	CD	VALVEX	MINI-OUTAGE FOR SURVEILLANCE TESTING AND MAINTENANCE (MAIN STEAM ISOLATION VALVES AND LEAK TESTING).
			----- 653.6						

(1)

(2)

(3)

(4)

F - FORCED
S - SCHEDULED

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)

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

(5)

EXHIBIT I - SAME SOURCE

REFUELING INFORMATION

1. Name of facility:

Peach Bottom Unit 2

2. Scheduled date for next refueling shutdown:

April 27, 1984 - In progress

3. Scheduled date for restart following refueling:

May 8, 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.

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

Reload 6 license amendment application submitted September 7, 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 to be returned from fuel pool
(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:

May 11, 1985

3. Scheduled date for restart following refueling:

July 5, 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.

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

MAPLNGR Limits Submitted January 7, 1985
Additional Core Limit Information - April 12, 1985

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
February, 1985

UNIT 2

The Refueling/Pipe Replacement outage continued throughout the month of February. Unit 2 is expected to return to service in early May.

Pipe replacement status of 2/28/85 is as follows: All 10 recirculation riser safe-ends are installed. Major piping work is expected to be completed by March 8, 1985.

UNIT 3

On February 1, the unit was taken out-of-service to perform required surveillance tests. Three of the eight Main Steam Isolation Valves (MSIV's) tested failed local leak rate testing and required repair prior to restart.

Startup was begun on February 25, 1985. However, delays in returning the unit to service were experienced due to the need to repair 7LL relief valve bellows and replacement of a solenoid valve which prevented closure of a reactor head vent valve (AO-17). Following repair of a drywell airlock door seal, the unit was returned to service on March 1, 1985.

/SLZ

PHILADELPHIA ELECTRIC COMPANY

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PHILADELPHIA, PA. 19101

(215) 841-4000

March 15, 1985

Docket Nos. 50-277
50-278

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

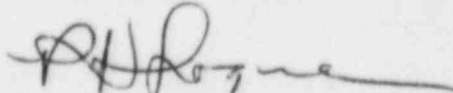
Attention: Document Control Desk

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 February, 1985 forwarded pursuant to Technical Specification 6.9.1.C under the guidance of Regulatory Guide 10.1, Revision 4.

Very truly yours,



R. H. Logue
Superintendent
Nuclear Services

Attachment

cc: Dr. T. E. Murley, NRC
Mr. T. P. Thompson, Resident Inspector
Mr. Stan P. Mangi, Dept. of Envir. Resources
Mr. P. A. Ross, NRC (2 copies)
INPO Records Center

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