

OPERATING DATA REPORT

DOCKET NO. 50 - 277

DATE JULY 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: JUNE, 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 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	720	4,343	96,335
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)	* -11,771	* -48,241	56,214,097
19. UNIT SERVICE FACTOR	0.0	0.0	62.9
20. UNIT AVAILABILITY FACTOR	0.0	0.0	62.9
21. UNIT CAPACITY FACTOR (USING MOC NET)	0.0	0.0	55.5
22. UNIT CAPACITY FACTOR (USING DER NET)	0.0	0.0	54.8
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: 07/13/85

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 ADOCK 05000277
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OPERATING STATUS

- | | |
|---|--|
| <p>1. UNIT NAME: PEACH BOTTOM UNIT 3</p> <p>2. REPORTING PERIOD: JUNE, 1985</p> <p>3. LICENSED THERMAL POWER (MWT): 3293</p> <p>4. NAMEPLATE RATING (GROSS MWE): 1152</p> <p>5. DESIGN ELECTRICAL RATING (NET MWE): 1065</p> <p>6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 1098</p> <p>7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 1035</p> <p>8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:</p> <p>9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE):</p> <p>10. REASONS FOR RESTRICTIONS, IF ANY:</p> | <p>NOTES: UNIT 3 INCURRED TWO FORCED
LOAD REDUCTIONS. UNIT IN
POWER COASTDOWN.</p> |
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	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	720	4,343	92,231
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	3,704.7	68,262.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	720.0	3,653.3	66,518.4
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,732,536	10,017,600	194,217,408
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	546,000	3,249,600	63,757,140
18. NET ELECTRICAL ENERGY GENERATED (MWH)	514,669	3,104,625	61,213,927
19. UNIT SERVICE FACTOR	100.0	84.1	72.1
20. UNIT AVAILABILITY FACTOR	100.0	84.1	72.1
21. UNIT CAPACITY FACTOR (USING MDC NET)	69.1	69.1	64.1
22. UNIT CAPACITY FACTOR (USING DER NET)	67.1	67.1	62.3
23. UNIT FORCED OUTAGE RATE	0.0	0.9	7.2
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): REFUELING AND MAINTENANCE OUTAGE FROM 7/14/85 UNTIL 10/15/85.			

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	-----	-----

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 277

UNIT PEACH BOTTOM UNIT 2

DATE JULY 15, 1985

COMPANY PHILADELPHIA ELECTRIC COMPANY

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

TELEPHONE (215) 841-5022

MONTH JUNE 1985

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		
16	0		

AVERAGE DAILY UNIT POWER LEVEL

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UNIT PEACH BOTTOM UNIT 3

DATE JULY 15, 1985

COMPANY PHILADELPHIA ELECTRIC COMPANY

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MONTH JUNE 1985

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	803	17	750
2	801	18	748
3	794	19	744
4	787	20	432
5	786	21	226
6	784	22	505
7	783	23	551
8	780	24	754
9	777	25	721
10	774	26	717
11	770	27	713
12	768	28	713
13	768	29	711
14	762	30	709
15	760		
16	752		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 277

UNIT NAME PEACH BOTTOM UNIT 2

DATE JULY 15, 1985

REPORT MONTH JUNE, 1985

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

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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	650601	S	744.0	C	1	NA	RC	FUELXX	SHUTDOWN FOR ITS SIXTH REFUELING, MAINTENANCE, AND MAJOR MODIFICATION OUTAGE.
			744.0						

(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 JULY 15, 1985

REPORT MONTH JUNE, 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
10	850620	F	000.0	B	4	N/A	MB	RECOMB	POWER REDUCED TO INVESTIGATE VACUUM LEAK AND REPAIR THE 3A RECOMBINER COMPRESSOR.
11	850623	F	000.0	B	4	N/A	HC	HTEXCH	POWER REDUCED TO REPAIR LEAKS IN THE B1 WATER BOX.

			-						

(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

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:

July 13, 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?

Amendment #108 was issued March 19, 1985.

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

Reload 6 license amendment was issued March 19, 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:

Not applicable.

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 - 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 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.

March, 1991 (September, 1986 with reserve full core discharge)

REFUELING INFORMATION

1. Name of facility:

Peach Bottom Unit 3

2. Scheduled date for next refueling shutdown:

July 14, 1985

3. Scheduled date for restart following refueling:

October 15, 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:

MAPLHGR 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.

March, 1992 (January, 1987 with reserve for full core discharge)

Peach Bottom Atomic Power Station
Narrative Summary of Operating Experiences
June, 1985

UNIT 2

The Refueling/Pipe Replacement outage continued throughout the month of June.

The drywell Integrated Leak Rate Test (ILRT), the Loss of Power Test, and the hydrostatic pressure tests of the reactor pressure vessel and the main steam lines have been completed.

UNIT 3

The unit began the month at 80% power in extended core flow coastdown operation.

On June 20, load was reduced to 170 MWe to investigate a vacuum leak and repair the 3A recombiner compressor. The leak was determined to be caused by a ruptured tube in the main condenser B1 waterbox. Power was increased to 700 MWe.

On June 23, the power increase was halted when reactor conductivity increased to 0.9 μ mho. Power was reduced to 400 MWe the same day to leak check the condenser waterboxes. The leak was repaired by plugging condenser tubes and power was increased to 800 MWE.

The unit ended the month at 74% power due to end-of-cycle coastdown.

PHILADELPHIA ELECTRIC COMPANY

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PHILADELPHIA, PA. 19101

(215) 841-4000

July 15, 1985

Docket Nos. 50-277
50-278

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

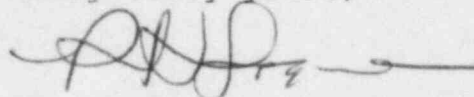
Attention: Document Control Desk

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 June, 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. Johnson, Resident Inspector
Mr. Stan P. Mangi, Dept. of Envir. Resources
Mr. P. A. Ross, NRC (2 copies)
Mr. Thomas Magette, Maryland Power Plant Siting
INPO Records Center

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