

OPERATING DATA REPORT

DOCKET NO. 50 - 277

DATE AUGUST 15, 1984

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

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

TELEPHONE (215) 841-5022

OPERATING STATUS

- | | |
|---|---|
| <p>1. UNIT NAME: PEACH BOTTOM UNIT 2</p> <p>2. REPORTING PERIOD: JULY, 1984</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): 1051</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 2 CONTINUED ITS SCHEDULED SHUTDOWN FOR ITS SIXTH REFUELING AND MAINTENANCE OUTAGE.</p> |
|---|---|

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744	5,111	88,319
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)	* -5,243	2,448,104	56,284,534
19. UNIT SERVICE FACTOR	0.0	49.8	68.6
20. UNIT AVAILABILITY FACTOR	0.0	49.6	68.6
21. UNIT CAPACITY FACTOR (USING MDC NET)	0.0	45.6	60.6
22. UNIT CAPACITY FACTOR (USING DER NET)	0.0	45.0	59.8
23. UNIT FORCED OUTAGE RATE	0.0	4.4	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: 02/04/85			
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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OPERATING STATUS

- | | |
|--|--|
| 1. UNIT NAME: PEACH BOTTOM UNIT 3 | NOTES: UNIT 3 EXPERIENCED
ONE FORCED OUTAGE |
| 2. REPORTING PERIOD: JULY, 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:

	THIS MONTH	YE-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744	5,111	84,215
12. NUMBER OF HOURS REACTOR WAS CRITICAL	670.9	4,268.0	61,067.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	655.9	4,210.1	59,526.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,082,708	13,366,383	174,404,688
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	693,820	4,452,320	57,267,440
18. NET ELECTRICAL ENERGY GENERATED (MWH)	670,462	4,311,604	54,975,389
19. UNIT SERVICE FACTOR	88.2	82.4	70.7
20. UNIT AVAILABILITY FACTOR	88.2	82.4	70.7
21. UNIT CAPACITY FACTOR (USING MDC NET)	87.1	81.5	63.1
22. UNIT CAPACITY FACTOR (USING DER NET)	84.6	79.2	61.3
23. UNIT FORCED OUTAGE RATE	11.8	14.0	7.8

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

DOCKET NO. 50 - 277

UNIT NAME PEACH BOTTOM UNIT 2

DATE AUGUST 15, 1984

REPORT MONTH JULY, 1984

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

W.M. ALDEN
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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 (3)	LICENSEE EVENT REPORT #	SYSTEM CODE (4)	COMPONENT CODE (5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
5	840701	S	744.0	C	1	NA	RC	FUELXI	SHUTDOWN FOR ITS SIXTH REFUELING 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

DOCKET NO. 50 - 278

UNIT NAME PEACH BOTTOM UNIT 3

DATE AUGUST 15, 1984

REPORT MONTH JULY, 1984

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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 CODE (4)	COMPONENT CODE (5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
6	840711	F	88.10	H	3	NA	IA	INSTRU	APRM HIGH FLUX SCRAM OCCURRED FOLLOWING A LIGHTNING STRIKE ON 500KV BUS TIE LINE
			88.1						

(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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 277

UNIT PEACH BOTTOM UNIT 2

DATE AUGUST 15, 1984

COMPANY PHILADELPHIA ELECTRIC COMPANY

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

TELEPHONE (215) 841-5022

MONTH JULY 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

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UNIT PEACH BOTTOM UNIT 3

DATE AUGUST 15, 1984

COMPANY PHILADELPHIA ELECTRIC COMPANY

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

TELEPHONE (215) 841-5022

MONTH JULY 1984

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1051	17	936
2	1052	18	1010
3	1053	19	1056
4	1053	20	1052
5	1053	21	904
6	1057	22	1055
7	1065	23	1053
8	1064	24	1049
9	1065	25	1054
10	1069	26	1058
11	856	27	1058
12	0	28	1055
13	0	29	1055
14	0	30	1056
15	202	31	1058
16	814		

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:

February 4, 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:

August 31, 1984 for reload fuel and snubber reduction program.

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
July, 1984

UNIT 2

Unit 2's Refueling/Pipe Replacement Outage continued throughout the month of July. Installation of recirculation discharge nozzle caps have been completed, measurements for head spray piping replacement have been taken, all recirculation suction nozzles have been cut, and pre-operational tests for chemical decontamination of the pipe to be removed have been completed.

Critical path outage work currently being performed is chemical decontamination of the recirculation and Residual Heat Removal piping.

On July 8, the E-3 Diesel Generator was removed from service for an annual inspection and was returned to service on July 14.

On July 27, Dye Penetrant examinations on the reactor vessel N-2 (Recirc. Inlet) thermal sleeve to safe end welds revealed cracks in 3 welds.

UNIT 3

The unit began the month at 98% power. On July 11, 1984, the unit tripped when a lightning strike near the substation initiated a sequence of electrical breaker openings culminating in an automatic reactor scram.

While the unit was shut down, a Reactor Water Cleanup System isolation valve failed to open during a functional test. The valve operator was replaced to correct the problem. Also, an external leak on the condensate system 'C' drain cooler was repaired. The unit returned to service on July 15, 1984.

On July 17, reactor power was reduced to 825 MWe when a gasket on a strainer in the lube oil system for the 'A' reactor feedwater pump failed, resulting in a loss of oil from the lube oil reservoir. The feedpump was returned to service three hours later.

Power was reduced on July 20 for a control rod pattern adjustment and returned to full power on July 22. The unit continued at full power for the remainder of the month.

PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

P.O. BOX 8699

PHILADELPHIA, PA. 19101

(215) 841-4000

August 15, 1984

Docket Nos. 50-277
50-278

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

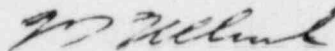
Attention: Document Control Desk

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 July, 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

DESIGNATED ORIGINAL

Certified By Mr. Beebe 09/06/84

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