

OPERATING DATA REPORT

DOCKET NO. 50 - 277

DATE JULY 13, 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: JUNE, 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

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	4,367	87,575
12. NUMBER OF HOURS REACTOR WAS CRITICAL	0	2,584.7	62,263.6
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)	* -5,793	2,453,347	56,289,777
19. UNIT SERVICE FACTOR	0.0	58.3	69.1
20. UNIT AVAILABILITY FACTOR	0.0	58.3	69.1
21. UNIT CAPACITY FACTOR (USING MDC NET)	0.0	53.5	61.2
22. UNIT CAPACITY FACTOR (USING DER NET)	0.0	52.8	60.4
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: 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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OPERATING STATUS

- | | |
|--|-----------------------------|
| 1. UNIT NAME: PEACH BOTTOM UNIT 3 | NOTES: UNIT 3 SHUT DOWN FOR |
| 2. REPORTING PERIOD: JUNE, 1984 | RCIC MO 15 VALVE AND |
| 3. LICENSED THERMAL POWER (MWT): 3293 | FEEDWATER HEATER REPAIR. |
| 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	YR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	720	4,367	83,471
12. NUMBER OF HOURS REACTOR WAS CRITICAL	252.8	3,597.1	60,396.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	241.7	3,554.2	58,870.4
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	690,338	11,283,675	172,321,980
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	228,460	3,758,500	56,573,620
18. NET ELECTRICAL ENERGY GENERATED (MWH)	216,632	3,641,142	54,304,927
19. UNIT SERVICE FACTOR	33.6	81.4	70.5
20. UNIT AVAILABILITY FACTOR	33.6	81.4	70.5
21. UNIT CAPACITY FACTOR (USING MDC NET)	29.7	80.6	62.9
22. UNIT CAPACITY FACTOR (USING DER NET)	28.3	78.3	61.1
23. UNIT FORCED OUTAGE RATE	52.3	14.4	7.7
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): SCHEDULED OUTAGE FOR RCIC MO 15 VALVE AND FEEDWATER HEATER REPAIR			

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 JULY 13, 1984

REPORT MONTH JUNE, 1984

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

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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	840601	S	720.0 ----- 720.0	C	1	NA	RC	FUELXX	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

DOCKET NO. 50 - 278

UNIT NAME PEACH BOTTOM UNIT 3

DATE JULY 13, 1984

REPORT MONTH JUNE, 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 (4)	LICENSEE EVENT REPORT #	SYSTEM CODE (5)	COMPONENT CODE (6)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
5	840602	S	213.5	A	1	NA	SF	VALVEX	RCIC MO 15 VALVE AND FEEDWATER HTR REPAIR.
5	840611	F	264.8	A	1	NA	SF	VALVEX	OUTAGE CONTINUED AS FORCED
			478.3						

(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 JULY 13, 1984

COMPANY PHILADELPHIA ELECTRIC COMPANY

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

TELEPHONE (215) 841-5022

MONTH JUNE 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		
16	0		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 278

UNIT PEACH BOTTOM UNIT 3

DATE JULY 13, 1984

COMPANY PHILADELPHIA ELECTRIC COMPANY

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

TELEPHONE (215) 841-5022

MONTH JUNE 1984

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	933	17	0
2	28	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	416
7	0	23	756
8	0	24	857
9	0	25	956
10	0	26	1051
11	0	27	1048
12	0	28	1053
13	0	29	1051
14	0	30	1046
15	0		
16	0		

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:

August 1, 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
June, 1984

Unit 2

Unit 2's Sixth Refueling and Primary System Pipe Replacement Outage continued throughout the month. Core Spray sparger inspection, repair of fuel pool gate cracks, Source Range Monitor and Intermediate Range Monitor instrument dry tube inspections, installation and testing of the jet pump diffuser plugs and installation of vessel annulus shielding in front of the suction nozzles of the recirculation loops have been completed.

On June 8 at 1:00 p.m., the NRC was notified and an Unusual Event was declared when an acetylene leak was reported in the drywell. The Unusual Event was terminated at 1:40 p.m. after a completed survey found no combustible mixture and 19% oxygen available in all elevations of the drywell.

On June 28, Special Procedure 716 was initiated to defeat the ECCS, PCIS, and RPS initiations due to reactor vessel low water level signals.

On June 29, an elbow in the fire header system in the Turbine Building separated causing minor flooding on elevation 116' and 102'. The leak was isolated without complications and the NRC was notified, since both fire pumps were taken out-of-service for a short time to stop the water flow.

Critical path outage work currently being performed is the preparation for cutting and capping the recirculation pump suction penetrations.

UNIT 3

The unit began the month at 90% power due to tube leaks on the "C" feedwater heater string. On June 2, the unit was removed from service for a 3C feedwater heater repair. The 1A feedwater heater was also found to be in need of repair as well as the 'A' drain cooler. The RCIC steam supply isolation valve was also repaired and tested during this outage.

Since cracking had been found on the Unit 2 jet pump instrumentation nozzles, the Unit 3 nozzles were also checked during this outage. Indications were found on both the A and B nozzles. Weld overlay repairs have been performed on both welds. Residual Heat Removal (PHR) heat exchanger work has been completed and the feedwater heater leaks were repaired.

The unit achieved criticality on June 20 and the generator was placed 'on-line' on June 22. Load was reduced on June 24 for a control rod pattern adjustment and attained full power on June 26. 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

July 13, 1984

Docket Nos. 50-277
50-278

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

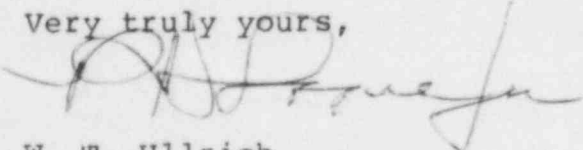
Attention: Document Control Desk

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 June, 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
INPC Records Center

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