

OPERATING DATA REPORT

DOCKET NO. 50 - 277

DATE SEPTEMBER 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: AUGUST, 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:

8409260174 840831
PDR ADDCK 05000277
R PDR

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744	5,855	89,063
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)	* -5,923	2,442,181	56,278,611
19. UNIT SERVICE FACTOR	0.0	43.5	68.0
20. UNIT AVAILABILITY FACTOR	0.0	43.5	68.0
21. UNIT CAPACITY FACTOR (USING MDC NET)	0.0	39.7	60.1
22. UNIT CAPACITY FACTOR (USING DER NET)	0.0	39.2	59.3
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: 12/31/84

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
- 2. REPORTING PERIOD: AUGUST, 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

NOTES: UNIT 3 EXPERIENCED
ONE FORCED 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	744	5,855	84,959
12. NUMBER OF HOURS REACTOR WAS CRITICAL	696.8	4,964.8	61,764.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	684.3	4,894.4	60,210.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,176,104	15,542,487	176,580,792
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	721,700	5,174,020	57,989,140
18. NET ELECTRICAL ENERGY GENERATED (MWH)	696,707	5,008,311	55,672,096
19. UNIT SERVICE FACTOR	92.0	83.6	70.9
20. UNIT AVAILABILITY FACTOR	92.0	83.6	70.9
21. UNIT CAPACITY FACTOR (USING MDC NET)	90.5	82.6	63.3
22. UNIT CAPACITY FACTOR (USING DER NET)	87.9	80.3	61.5
23. UNIT FORCED OUTAGE RATE	8.0	13.2	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 SEPTEMBER 14, 1984

REPORT MONTH AUGUST, 1984

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

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GENERATION DIVISION-NUCLEAR
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NO.	DATE	(1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	LICENSEE EVENT REPORT #	SYSTEM CODE (4)	COMPONENT CODE (5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
5	840801	S	744.0	C	1	NA	RC	FUELYX	SHUTDOWN FOR ITS SIXTH REFUELING OUTAGE.
			744.0						

(1)

(2)

(3)

(4)

(5)

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
PG. PREPARATION OF DATA
ENTRY SHEETS FOR LICENSEE
EVENT REPORT (LER)
FILE (NUREG-0161)

EXHIBIT I - SAME SOURCE

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 278

UNIT NAME PEACH BOTTOM UNIT 3

DATE SEPTEMBER 14, 1984

REPORT MONTH AUGUST, 1984

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GENERATION DIVISION-NUCLEAR
TELEPHONE (215) 841-5022

NO.	DATE	(1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	LICENSEE EVENT REPORT #	SYSTEM CODE (4)	COMPONENT CODE (5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
7	840821	F	59.70	A	3	NA	CH	INSTR	LOW REACTOR WATER LEVEL CAUSED BY MALFUNCTION IN FEEDWATER CONTROL CIRCUIT
			59.7						

(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 SEPTEMBER 14, 1984

COMPANY PHILADELPHIA ELECTRIC COMPANY

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

TELEPHONE (215) 841-5022

MONTH AUGUST 1984

DAY AVERAGE DAILY POWER LEVEL
(MWE-NET)

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

17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
31	0

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 278

UNIT PEACH BOTTOM UNIT 3

DATE SEPTEMBER 14, 1984

COMPANY PHILADELPHIA ELECTRIC COMPANY

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

TELEPHONE (215) 841-5022

MONTH AUGUST 1984

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1062	17	1052
2	1064	18	1048
3	1061	19	1033
4	1059	20	1054
5	1056	21	615
6	1056	22	0
7	1056	23	0
8	1045	24	643
9	1045	25	939
10	1045	26	698
11	1044	27	932
12	1046	28	1039
13	1043	29	1064
14	1046	30	1051
15	1047	31	1059
16	1051		

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:

December 31, 1984

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:

Reload 6 license amendment application submitted September 7, 1984. Snubber license amendment is scheduled to be submitted September 17, 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
August, 1984

UNIT 2

Unit 2's Refueling/Pipe Replacement Outage continued throughout the month of August. On August 3, after completion of the cutting and capping of the recirculation and RHR piping, the reactor vessel was flooded to the head flange and chemical decontamination of the piping started. The jet pump plugs were removed and jet pump beams were replaced. On August 17, the recirculation and RHR piping was drained following completion of chemical decontamination. The jet pump plugs were replaced and the vessel was flooded on August 26. Critical path outage work currently being performed is the cutting and removal of the RHR & recirculation piping.

All four diesel generators were individually removed from service for annual inspection and maintenance and were operable at the end of the month.

UNIT 3

The unit began the month of August at full power. On August 21, at 2:01 p.m., Unit 3 automatically scrammed due to a feedwater controller failure which resulted in a low reactor water level. Reactor startup was delayed pending completion of the work required to return an emergency diesel generator to service. The diesel generator had been out-of-service for a scheduled annual inspection. Unit startup was initiated August 24. During this startup, the mid-cycle rod exchange was accomplished to provide uniform fuel burnup. The unit ran at full power for the remainder of the month.

On August 28, load was reduced approximately 100 MWe following a condensate demineralizer resin injection into the reactor vessel after a condensate demineralizer was returned to service on the same day.

PHILADELPHIA ELECTRIC COMPANY

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

September 14, 1984

Docket Nos. 50-277
50-278

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

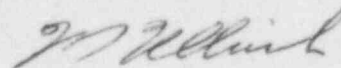
Attention: Document Control Desk

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 August, 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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