

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 277

UNIT PEACH BOTTOM UNIT 2

DATE NOVEMBER 12, 1980

COMPANY PHILADELPHIA ELECTRIC COMPANY

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

TELEPHONE (215) 841-5022

MONTH OCTOBER 1980

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1064	17	1075
2	1068	18	1077
3	1065	19	1075
4	1067	20	1069
5	1067	21	1072
6	1069	22	1072
7	1072	23	1074
8	1073	24	1072
9	1073	25	1073
10	1075	26	1073
11	1072	27	1070
12	1066	28	1074
13	1071	29	1072
14	1076	30	1079
15	1079	31	1073
16	1076		

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MONTH OCTOBER 1980

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1047	17	1057
2	1049	18	1054
3	1051	19	882
4	1051	20	0
5	1050	21	0
6	1053	22	0
7	1056	23	0
8	1055	24	0
9	1057	25	0
10	1059	26	0
11	1055	27	0
12	1053	28	0
13	1055	29	0
14	1058	30	43
15	1060	31	460
16	1057		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 277

UNIT NAME PEACH BOTTOM UNIT 2

DATE NOVEMBER 12, 1980

REPORT MONTH OCTOBER, 1980

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 # (5)	SYSTEM CODE (6)	COMPONENT CODE (7)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
									NONE

(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 NOVEMBER 12, 1980

REPORT MONTH OCTOBER, 1980

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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
16	801019	S	247.3	B	1	NA	EB	TRANSF	UNIT WAS SHUTDOWN TO REPLACE '3A' TRANSFORMER
17	801030	F	013.6	G	3	NA	HA	INSTRU	AUTOMATIC SCRAM DUE TO GENERATOR POWER LOAD UNBALANCE PROJECTION
18	801031	F	000.5	B	4	NA	HA	INSTRU	CORRECT FAILURE TO COMPLETELY REMOVE BLOCKING OF ELECTRIC POWER INSTRUMENT (C.T.) ASSOCIATED WITH OUTAGE NO. 16. REACTOR REMAINED CRITICAL.
			261.4						

(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

OPERATING DATA REPORT

DOCKET NO. 50 - 277

DATE NOVEMBER 12, 1980

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

W.M. ALDEN
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NUCLEAR SECTION
GENERATION DIVISION-NUCLEAR
TELEPHONE (215) 841-5022

OPERATING STATUS

- | | |
|--|--|
| <p>1. UNIT NAME: PEACH BOTTOM UNIT 2</p> <p>2. REPORTING PERIOD: OCTOBER, 1980</p> <p>3. LICENSED THERMAL POWER (MW): 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 MWF): 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: THIS UNIT EXPERIENCED NO MAJOR OUTAGES OR MAJOR POWER REDUCTIONS</p> |
|--|--|

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	745	7,320	55,464
12. NUMBER OF HOURS REACTOR WAS CRITICAL	745	3,423	41,174
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	745.0	3,206.3	40,189.1
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,445,286	9,521,479	116,287,123
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	828,800	3,165,820	38,224,050
18. NET ELECTRICAL ENERGY GENERATED (MWH)	798,720	3,008,404	36,624,189
19. UNIT SERVICE FACTOR	100.0	43.8	72.5
20. UNIT AVAILABILITY FACTOR	100.0	43.8	72.5
21. UNIT CAPACITY FACTOR (USING MDC NET)	102.0	39.1	62.8
22. UNIT CAPACITY FACTOR (USING DER NET)	100.7	38.6	62.0
23. UNIT FORCED OUTAGE RATE	0.0	1.7	6.0

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	-----	-----

OPERATING DATA REPORT

DOCKET NO. 50 - 27P

DATE NOVEMBER 12, 1980

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

W.M. ALDEN
ENGINEER-IN-CHARGE
NUCLEAR SECTION
GENERATION DIVISION-NUCLEAR
TELEPHONE (215) 841-5022

OPERATING STATUS

1. UNIT NAME: PEACH BOTTOM UNIT 3
2. REPORTING PERIOD: OCTOBER, 1980
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): 1094
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 1035

NOTES: THIS UNIT EXPERIENCED 3
MAJOR OUTAGES AND NO MAJOR
POWER REDUCTIONS

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	745	7,320	51,360
12. NUMBER OF HOURS REACTOR WAS CRITICAL	519	5,946	40,792
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	483.6	5,741.8	39,673.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,345,144	18,271,436	112,490,490
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	507,250	6,065,510	36,651,370
18. NET ELECTRICAL ENERGY GENERATED (MWH)	485,122	5,838,981	35,183,781
19. UNIT SERVICE FACTOR	64.9	78.4	77.2
20. UNIT AVAILABILITY FACTOR	64.9	78.4	77.2
21. UNIT CAPACITY FACTOR (USING MOC NET)	62.9	77.1	66.2
22. UNIT CAPACITY FACTOR (USING DER NET)	61.1	74.9	64.3
23. UNIT FORCED OUTAGE RATE	2.8	11.7	7.6

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
REFUELING/MAINTENANCE, 3/7/81, SIXTEEN WEEKS

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	-----	-----

REFUELING INFORMATION

1. Name of facility:

Peach Bottom Unit 2

2. Scheduled date for next refueling shutdown:

January 2, 1982

3. Scheduled date for restart following refueling:

February 13, 1982

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 are expected.

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

November 13, 1981

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 - 910 Fuel Assemblies

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

REFUELING INFORMATION

1. Name of facility:

Peach Bottom Unit 3

2. Scheduled date for next refueling shutdown:

March 7, 1981

3. Scheduled date for restart following refueling:

June 27, 1981

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 specification changes to accommodate reload fuel.
Modifications to reactor core operating limits are expected.

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

March 6, 1981

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 - 712 Irradiated Fuel Assemblies

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