

OPERATING DATA REPORT

DOCKET NO. 50 - 297

DATE JANUARY 15, 1982

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 2 | NOTES: UNIT 2 EXPERIENCED |
| 2. REPORTING PERIOD: DECEMBER, 1981 | TWO POWER REDUCTIONS. |
| 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 | |
| 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	8,760	65,688
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	7,190.9	49,743.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	744.0	6,943.7	48,456.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,161,553	20,802,244	141,223,316
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	704,150	6,890,670	46,503,770
18. NET ELECTRICAL ENERGY GENERATED (MWH)	675,453	6,631,071	44,590,735
19. UNIT SERVICE FACTOR	100.0	79.3	73.8
20. UNIT AVAILABILITY FACTOR	100.0	79.3	73.8
21. UNIT CAPACITY FACTOR (USING MDC NET)	86.4	72.0	64.6
22. UNIT CAPACITY FACTOR (USING DER NET)	85.2	71.1	63.7
23. UNIT FORCED OUTAGE RATE	0.0	18.9	8.1

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
REFUELING/MAINTENANCE, STARTS 2/20/82, FOURTEEN 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	-----	-----

8201260279 820115
PDR ADOCK 05000277
R PDR

OPERATING DATA REPORT

DOCKET NO. 50 - 278

DATE JANUARY 15, 1982

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 | NOTES: UNIT 3 EXPERIENCED |
| 2. REPORTING PERIOD: DECEMBER, 1981 | ONE POWER REDUCTION. |
| 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	YR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744	8,760	61,584
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	3,325.2	45,487.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	744.0	3,202.0	44,226.8
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,407,978	9,848,573	126,691,522
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	812,160	3,286,880	41,388,920
18. NET ELECTRICAL ENERGY GENERATED (MWH)	784,539	3,131,830	39,710,473
19. UNIT SERVICE FACTOR	100.0	36.6	71.8
20. UNIT AVAILABILITY FACTOR	100.0	36.6	71.8
21. UNIT CAPACITY FACTOR (USING MDC NET)	101.9	34.5	62.3
22. UNIT CAPACITY FACTOR (USING DER NET)	99.0	33.6	60.5
23. UNIT FORCED OUTAGE RATE	0.0	12.2	7.9

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	-----	-----

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 277

UNIT PEACH BOTTOM UNIT 2

DATE JANUARY 15, 1982

COMPANY PHILADELPHIA ELECTRIC COMPANY

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

TELEPHONE (215) 841-5022

MONTH DECEMBER 1981

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	984	17	917
2	982	18	943
3	978	19	940
4	976	20	940
5	972	21	935
6	968	22	935
7	965	23	931
8	962	24	830
9	962	25	925
10	958	26	925
11	951	27	918
12	512	28	915
13	656	29	911
14	741	30	909
15	894	31	906
16	901		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 278

UNIT PEACH BOTTOM UNIT 3

DATE JANUARY 15, 1982

COMPANY PHILADELPHIA ELECTRIC COMPANY

W.M. ALDEN
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NUCLEAR SECTION
GENERATION DIVISION-NUCLEAR

TELEPHONE (215) 841-5022

MONTH DECEMBER 1981

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1074	17	1051
2	1072	18	1052
3	1063	19	825
4	1065	20	1059
5	1064	21	1071
6	1058	22	1078
7	1059	23	1077
8	1062	24	1011
9	1064	25	1037
10	1067	26	1072
11	1066	27	1069
12	1064	28	1070
13	1062	29	1073
14	1060	30	1071
15	1049	31	1072
16	1051		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 277

UNIT NAME PEACE BOTTOM UNIT 2

DATE JANUARY 15, 1982

REPORT MONTH DECEMBER, 1981

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

W.M. ALDEN
ENGINEER-IN-CHARGE
NUCLEAR 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
35	811212	S	00.0	B	4	NA	CS	MOTORX	LOAD REDUCTION TAKEN TO REPLACE BRUSHES IN #28' RECIRCULATION PUMP M-G SET EXCITER RINGS.
36	811224	S	00.0	D	4	NA	ZZ	ZZZZZZ	LOAD REDUCTION DUE TO HIGH RIVER TEMPERATURE DIFFERENCE.

			-						

(1)

P - 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 JANUARY 15, 1982

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

REPORT MONTH DECEMBER, 1981

W.M. ALDEN
ENGINEER-IN-CHARGE
NUCLEAR SECTION
GENERATION DIVISION-NUCLEAR
TELEPHONE (215) 841-8022

NO.	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN (3)	REACTOR (3)	LICENSEE EVENT REPORT #	SYSTEM COMPONENT CODE (4)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE (5)	LOAD REDUCTION FOR ROD PATTERN ADJUSTMENT.
14	811214	3	00.0	H	+		NA	RC	422222	

(1)

P - FORCED
S - SCHEDULED

(2)

REASON
A - EQUIPMENT FAILURE (EXPLAIN)
B - MAINTENANCE OR TEST
C - REFUELING
D - REGULATOR 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 (WUREG-0161)

(5)

EXHIBIT I - SAME SOURCE

REFUELING INFORMATION

1. Name of facility:

Peach Bottom Unit 2

2. Scheduled date for next refueling shutdown:

February 20, 1982

3. Scheduled date for restart following refueling:

May 30, 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:

February 24, 1982

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

Attachment to
Monthly Operating Report
for December, 1981

REFUELING INFORMATION

1. Name of facility:

Peach Bottom Unit 3

2. Scheduled date for next refueling shutdown:

Refueling starts March 12, 1983

3. Scheduled date for restart following refueling:

April 24, 1983

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:

December 17, 1982

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 - 928 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

PEACH BOTTOM ATOMIC POWER STATION
NARRATIVE SUMMARY OF OPERATING EXPERIENCES
December, 1981

UNIT 2 OPERATIONS

The unit continues on end-of-core life coastdown. Load was reduced on December 12 for replacement of the brushes in the 2B Recirculation Pump M-G set exciter. The unit regained its maximum coastdown load on December 16. A load reduction was taken for several hours on December 24 due to high river water differential temperature. The unit remains on end-of-core life coastdown.

UNIT 3 OPERATIONS

The unit remained at full load for the entire month with the exception of a load reduction taken on December 19 for control rod pattern adjustment, and a brief load reduction on December 24 as a result of differential river water temperature associated with environmental protection.