

OPERATING DATA REPORT

2840726960

DOCKET NO. 50 - 277

DATE MAY 14, 1984

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

W.H. 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: APRIL, 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 EXPERIENCED ONE
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	719	2,903	86,111
12. NUMBER OF HOURS REACTOR WAS CRITICAL	652.8	2,584.7	62,283.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	650.2	2,544.8	60,556.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,921,829	7,865,391	178,420,001
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	614,670	2,547,570	58,718,660
18. NET ELECTRICAL ENERGY GENERATED (MWH)	591,877	2,465,820	56,302,250
19. UNIT SERVICE FACTOR	90.4	87.7	70.3
20. UNIT AVAILABILITY FACTOR	90.4	87.7	70.3
21. UNIT CAPACITY FACTOR (USING MDC NET)	78.3	80.8	62.2
22. UNIT CAPACITY FACTOR (USING DER NET)	77.3	79.8	61.4
23. UNIT FORCED OUTAGE RATE	0.0	4.4	12.5

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
1. CURRENTLY SHUTDOWN FOR ITS SIXTH REFUELING AND MAINTENANCE
OUTAGE UNTIL 12/31/84.

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

8405170003 840430
PDR ADDCK 05000277
R PDR

IE24
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OPERATING DATA REPORT

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DATE MAY 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 3
2. REPORTING PERIOD: APRIL, 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
SCHEDULED LOAD REDUCTION
FOR CONTROL ROD ADJUSTMENT
AND CONDENSATE PUMP REPAIR.

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	719	2,903	82,007
12. NUMBER OF HOURS REACTOR WAS CRITICAL	719.0	2,600.3	59,400.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	719.0	2,568.5	57,884.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,350,451	8,211,755	169,250,060
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	788,370	2,740,020	55,555,140
18. NET ELECTRICAL ENERGY GENERATED (MWH)	764,595	2,661,394	53,325,179
19. UNIT SERVICE FACTOR	100.0	98.5	70.6
20. UNIT AVAILABILITY FACTOR	100.0	88.5	70.6
21. UNIT CAPACITY FACTOR (USING MDC NET)	102.0	88.6	62.8
22. UNIT CAPACITY FACTOR (USING DEN NET)	99.0	86.1	61.1
23. UNIT FORCED OUTAGE RATE	0.0	11.5	7.5
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	-----	-----

2840726960

Docket Nos. 50-277/50-278
Attachment to Monthly
Operating Report for
April, 1984

PEACH BOTTOM ATOMIC POWER STATION
NARRATIVE SUMMARY OF OPERATING EXPERIENCES
April, 1984

Unit 2

The unit began the month at 89% power in extended core flow coast down operation. On April 18, load was reduced 200 MWe in order to isolate the 2B heater string. The unit was returned to 89% power the same day. On April 22, the 'B' RHR heat exchanger was blocked to repair a bellows leak. The leak was repaired and the equipment was returned to service on April 27.

At 2:19 a.m. on April 28, 1984, the unit was shutdown for the refueling and primary system pipe replacement outage.

UNIT 3

The unit began the month at full power. On April 19, HPCI was removed from service to replace the steam line flow differential pressure instrument. The instrument was replaced and HPCI was returned to service the same day. Load was reduced on April 20 to 775 MWe for a control rod pattern adjustment and repacking of the 'C' condensate pump. The unit was returned to full power on April 22. The 'B' rod block monitor (RBM) was declared inoperable on April 24 and was placed in the trip position. After repairs were completed, the RBM was returned to service on April 25.

On April 26 at 11:06 a.m., a plant load reduction was initiated and an unusual event was declared when two main steam line tunnel temperature sensors were found to be inoperable. The unusual event was terminated at 11:14 a.m. when the switches were made operable. The unit ended the month at full power.

2840726960

Docket No. 50-278
Attachment to
Monthly Operating
Report for April, 198

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)

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 1, 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 1, 1984 for reload fuel except snubber reduction program - August 1, 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)

AVERAGE DAILY UNIT POWER LEVEL

2840726960

DOCKET NO. 50 - 278

UNIT PEACH BOTTOM UNIT 3

DATE MAY 14, 1984

COMPANY PHILADELPHIA ELECTRIC COMPANY

W.M.ALDEN

ENGINEER-IN-CHARGE

LICENSING SECTION

GENERATION DIVISION-NUCLEAR

TELEPHONE (215) 841-5022

MONTH APRIL 1984

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1074	17	1072
2	1079	18	1073
3	1073	19	1067
4	1077	20	1049
5	1075	21	887
6	1071	22	1064
7	1076	23	1064
8	1071	24	1068
9	1072	25	1067
10	1069	26	1062
11	1071	27	1072
12	1072	28	1042
13	1072	29	1042
14	1073	30	1058
15	1073		
16	1074		

DOCKET NO. 50 - 277

UNIT PEACH BOTTOM UNIT 2

DATE MAY 14, 1984

COMPANY PHILADELPHIA ELECTRIC COMPANY

W.M.ALDEN

ENGINEER-IN-CHARGE

LICENSING SECTION

GENERATION DIVISION-NUCLEAR

TELEPHONE (215) 841-5022

MONTH APRIL 1984

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	950	17	906
2	953	18	889
3	948	19	907
4	949	20	901
5	946	21	900
6	943	22	897
7	935	23	894
8	934	24	889
9	930	25	892
10	926	26	888
11	923	27	799
12	920	28	13
13	913	29	0
14	913	30	0
15	910		
16	909		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 278

UNIT NAME PEACH BOTTOM UNIT 3

DATE MAY 14, 1984

REPORT MONTH APRIL, 1984

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

W.H. 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
4	840420	S	000.0	H	4	NA	RC	ZZZZZZ	CONTROL ROD PATTERN ADJUSTMENT AND CONDENSATE PUMP REPAIR.
			-						

(1)

(2)

(3)

(4)

P - 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 6 - INSTRUCTIONS
FOR PREPARATION OF DATA
ENTRY SHEETS FOR LICENSEE
EVENT REPORT (LER)
FILE (FUREG-0161)

(5)

EXHIBIT I - SAME SOURCE

2840726960

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 277

UNIT NAME PEACH BOTTOM UNIT 2

DATE MAY 14, 1984

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

W.H. ALDEN
ENGINEER-IN-CHARGE
LICENSING SECTION
GENERATION DIVISION-NUCLEAR
TELEPHONE (215) 841-5072

REPORT MONTH APRIL, 1984

NO.	DATE	TYPE	DURATION (1) (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN (3)	REACTOR	LICENSEE EVENT REPORT #	SYSTEM CODE (4)	COMPONENT CODE (5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRANCE	SHUTDOWN FOR ITS SITE REFUELING OUTAGE.
5	840428	S	068.8	C	1		NA	RC	FUELIX		
			68.8								

- (1) 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)
- (2)
- METHOD
1 - MANUAL
2 - MANUAL SCRAM.
3 - AUTOMATIC SCRAM.
4 - OTHER (EXPLAIN)
- (3)
- (4) EXHIBIT G - INSTRUCTIONS
FOR PREPARATION OF DATA
ENTRY SHEETS FOR LICENSEE
EVENT REPORT (LER)
FILE (BUREG-0161)
- (5) EXHIBIT I - SAME SOURCE

PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

P.O. BOX 8699

PHILADELPHIA, PA. 19101

(215) 841-4000

May 11, 1984

Docket Nos. 50-277
50-278

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

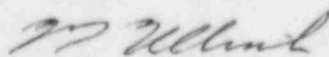
Attention: Document Control Desk

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 April, 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

IE24
11