OPERATING DATA REPORT

DOCKET NO. 50 - 277
DATE MAY 10, 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
2. REPORTING PERIOD: APRIL, 1982
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 IS DOWN FOR REFUELING AND MAINTENANCE. STARTUP SCHEDULED FOR JUNE 4, 1982

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	2,879	68,567
12. NUMBER OF HOURS REACTOR WAS CRITICAL	0	1,182.0	50,925.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	0.0	1,167.1	49,623.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	0	3,143,292	144,366,608
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	0	1,009,650	47,513,420
18. NET ELECTRICAL ENERGY GENERATED (MWH)	* -4,056	961,361	45,552,096
19. UNIT SERVICE FACTOR	0.0	40.5	72.4
20. UNIT AVAILABILITY FACTOR	0.0	40.5	72.4
21. UNIT CAPACITY FACTOR (USING MDC NET)	0.0	31.8	63.2
22. UNIT CAPACITY FACTOR (USING DER NET)	0.0	31.4	62.4
23. UNIT FORCED OUTAGE RATE	0.0	2.7	8.0

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

8205170296

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 6-4-82

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: APRIL, 1982
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 CONTINUED OUTAGE FROM PREVIOUS MONTH.

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	2,879	64,463
12. NUMBER OF HOURS REACTOR WAS CRITICAL	537.1	2,608.4	48,095.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	512.5	2,562.1	46,788.9
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,607,798	8,197,449	134,888,971
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	538,920	2,761,480	44,150,400
18. NET ELECTRICAL ENERGY GENERATED (MWH)	520,979	2,676,397	42,386,870
19. UNIT SERVICE FACTOR	71.3	89.0	72.6
20. UNIT AVAILABILITY FACTOR	71.3	89.0	72.6
21. UNIT CAPACITY FACTOR (USING MDC NET)	70.0	89.8	63.5
22. UNIT CAPACITY FACTOR (USING DER NET)	68.0	87.3	61.7
23. UNIT FORCED OUTAGE RATE	28.7	11.0	8.1

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 MAY 10, 1982
COMPANY PHILADELPHIA ELECTRIC COMPANY

W.M.ALDEN
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NUCLEAR SECTION
GENERATION DIVISION-NUCLEAR

TELEPHONE (215) 841-5022

MONTH APRIL 1982

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 MAY 10, 1982
COMPANY PHILADELPHIA ELECTRIC COMPANY

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MONTH APRIL 1982

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	0	17	1077
2	0	18	1076
3	0	19	1076
4	0	20	1076
5	0	21	1078
6	0	22	1077
7	0	23	1075
8	0	24	1075
9	55	25	1075
10	537	26	1073
11	811	27	1073
12	1048	28	1072
13	1072	29	1073
14	1079	30	1074
15	1076		
16	1075		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH APRIL, 1982

DOCKET NO. 50 - 277
UNIT NAME PEACH BOTTOM UNIT 2
DATE MAY 10, 1982
COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

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NO.	DATE	TYPE (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
3	820401	S	719.0	C	1	NA	RC	FUELXX	CONTINUING REFUELING OUTAGE.
			719.0						

(1)

P - PORCED
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

REPORT MONTH APRIL, 1982

DOCKET NO. 50 - 278
UNIT NAME PEACH BOTTOM UNIT 3
DATE MAY 10, 1982
COMPLETED BY PHILADELPHIA ELECTRIC COMPANY
W.M.ALDEN
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NO.	DATE	TYPE (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	820401	F	206.5	A	1	NA	HA	GENERA	CONTINUING MAINTENANCE SHUTDOWN PROMPTED BY VIBRATION OF THE MAIN GENERATOR EXCITER.
			206.5						

(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

Docket No. 50-277

Attachment to
Monthly Operating Report
For April 1982

REFUELING INFORMATION

1. Name of facility:

   Peach Bottom Unit 2

2. Scheduled date for next refueling shutdown:
   refueling began
   February 20, 1982

3. Scheduled date for restart following refueling:

   June 4, 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-1170 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

Docket No. 50-278

Attachment to
Monthly Operating Report
For April, 1982

REFUELING INFORMATION

1. Name of facility:

   Peach Bottom Unit 3

2. Scheduled date for next refueling shutdown:

   Feb. 12, 1983

3. Scheduled date for restart following refueling:

   April 8, 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
April, 1982

UNIT 2

The unit remains shut down to accommodate refueling, major modifications and maintenance work. The Torus mechanical work is complete; the Reactor Water Cleanup suction piping in the Drywell has been replaced; and the Reactor Water Cleanup System has been chemically decontaminated to reduce the radiation levels during heat exchanger maintenance.

The examination of the main turbine low pressure rotors is complete and the 261 damaged 7th stage bucket pins have been replaced. Modification work to the Scram Discharge Volume is continuirg. Startup is scheduled for June 4, 1982.

UNIT 3

The unit began the month shut down as a result of high generator exciter vibration on March 30, 1982. The major work completed during the outage included replacement of the 3A Reactor Recirculation pump seal, investigation of the main turbine generator exciter vibration problem, repair of an EHC fluid leak on a main turbine Combined Intercept Valve, repairs to two Reactor Water Cleanup isolation valves and repair of two leaking feedwater heaters. The unit was returned to service on April 9.

On April 17, the #1 transformer (3 Start up feed) was removed from service for routine maintenance. It was returned to service on April 23. The unit ended the month at full power.