

OPERATING DATA REPORT

DOCKET NO. 50 - 277

DATE OCTOBER 15, 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: SEPTEMBER, 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:

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	720	6,575	89,783
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)	* -3,910	2,438,271	56,274,701
19. UNIT SERVICE FACTOR	0.0	38.7	67.4
20. UNIT AVAILABILITY FACTOR	0.0	38.7	67.4
21. UNIT CAPACITY FACTOR (USING MDC NET)	0.0	35.3	59.6
22. UNIT CAPACITY FACTOR (USING DER NET)	0.0	34.8	58.9
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: 02/15/85

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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ENGINEER-IN-CHARGE
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TELEPHONE (215) 841-5022

OPERATING STATUS

1. UNIT NAME: PEACH BOTTOM UNIT 3
2. REPORTING PERIOD: SEPTEMBER, 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 LOAD
REDUCTION TO ACCOMMODATE A
CONTROL ROD PATTERN
ADJUSTMENT AND MAINTENANCE OF
CIRCULATING WATER SCREENS,
AND A CONDENSATE PUMP.

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	720	6,575	85,679
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	5,684.8	62,484.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	720.0	5,614.4	60,930.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,251,536	17,794,023	178,832,328
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	765,220	5,939,240	58,754,360
18. NET ELECTRICAL ENERGY GENERATED (MWH)	741,237	5,749,548	56,413,333
19. UNIT SERVICE FACTOR	100.0	85.4	71.1
20. UNIT AVAILABILITY FACTOR	100.0	85.4	71.1
21. UNIT CAPACITY FACTOR (USING MDC NET)	99.5	84.5	63.6
22. UNIT CAPACITY FACTOR (USING DER NET)	96.7	82.1	61.8
23. UNIT FORCED OUTAGE RATE	0.0	11.7	7.7

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 OCTOBER 15, 1984

REPORT MONTH SEPTEMBER, 1984

COMPLETED BY PHILADELPHIA ELECTRIC

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

O.	DATE	TYPE	DURATION	REASON	METHOD OF	LICENSEE	SYSTEM	COMPONENT	CAUSE AND CORRECTIVE
		(1)	(HOURS)	(2)	SHUTTING DOWN REACTOR (3)	EVENT REPORT #	CODE (4)	CODE (5)	ACTION TO PREVENT RECURRENCE
5	840901	S	744.0	C	1	NA	RC	FUELXX	SHUTDOWN FOR ITS SIXTH REFUEL
			744.0						

(1)

- FORCED
- 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 LICENSE
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 OCTOBER 15, 1984

REPORT MONTH SEPTEMBER, 1984

COMPLETED BY PHILADELPHIA ELECTRIC CO

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

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
840929	S	0.0	H	4	N/A	RB	ZZZZZZ	LOAD REDUCTION FOR CONTROL ROD PA ADJUSTMENT; 3 C CIRCULATION PUMP WORK; 3 C CONDENSATE PUMP WORK

(1)
FORCED
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 OCTOBER 15, 1984

COMPANY PHILADELPHIA ELECTRIC COMPANY

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

TELEPHONE (215) 841-5022

MONTH SEPTEMBER 1984

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 OCTOBER 15, 1984

COMPANY PHILADELPHIA ELECTRIC COMPANY

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

TELEPHONE (215) 841-5022

MONTH SEPTEMBER 1984

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1032	17	1055
2	1057	18	1055
3	1057	19	1059
4	1024	20	1056
5	1028	21	1048
6	1058	22	1048
7	1064	23	1043
8	1064	24	1042
9	1057	25	1044
10	1058	26	1043
11	1059	27	1045
12	1058	28	1011
13	1058	29	666
14	1054	30	834
15	1053		
16	1055		

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:

February 15, 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:

Reload 6 license amendment application submitted September 7, 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:

June 8, 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:

March 1, 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
September, 1984

UNIT 2

Unit 2's Refueling/Pipe Replacement outage continued throughout the month of September. Control blade relocation and replacement, removal of the jet pump nozzle plugs, and radiography on the Recirculation N-2 nozzles have been completed. The "A" and "B" Recirculation suction and discharge valves have been disassembled and removed from the drywell, and temporary reactor water cleanup pumps have been installed in the reactor vessel. Local Power Range Monitor detectors, Source Range Monitor/Intermediate Range Monitor drytube replacement, and Condenser tube cleaning are in progress. Removal of Recirculation and Residual Heat Removal pipe continues.

UNIT 3

The unit began the month at full power. On September 1, power was reduced in order to regenerate two condensate filter demineralizers and the unit was returned to full power the next day. A diesel generator output circuit breaker failed to close during a diesel generator surveillance test on September 4. After inspection, the circuit breaker was racked in and tested satisfactorily. The Recombiner jet compressor steam pressure controller failed the same day causing recombiner process flow to oscillate. Load was reduced to maintain condenser vacuum, and the controller was placed in manual mode. Full power was attained the next day.

On September 6, a Primary Containment Isolation System initiation relay was discovered to have failed in the non-conservative condition. The relay was replaced and all other normally energized safety-related relays were inspected. On September 12, a controlled shutdown was initiated when secondary containment tested unsatisfactorily following the discovery of a collapsed Standby Gas Treatment System (SGTS) duct. The unit was returned to full power after adjustments were made to the SGTS fan vortex dampers. On September 21, the High Pressure Coolant Injection System was declared inoperable when a turbine exhaust rupture disk failed. Following repairs, the system was tested satisfactorily and returned to service the same day.

Load was reduced on September 29 to 650 MWe for a control rod pattern adjustment.

The unit ended the month at 950 MWe, ramping back to full power.

PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

P.O. BOX 8399

PHILADELPHIA, PA. 19101

(215) 841-4000

October 15, 1984

Docket Nos. 50-277
50-278

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

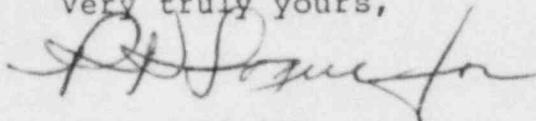
Attention: Document Control Desk

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 September, 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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