

PHILADELPHIA ELECTRIC COMPANY

PEACH BOTTOM ATOMIC POWER STATION

R.D. 1, Box 208

Delta, Pennsylvania 17314

(717) 456-7014



PEACH BOTTOM- THE POWER OF EXCELLENCE

D. B. Miller, Jr.
Vice President

December 9, 1992

Docket Nos. 50-277
50-278

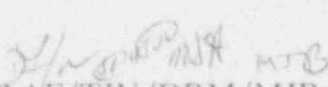
U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

SUBJECT: Peach Bottom Atomic Power Station Monthly Operating Report

Gentlemen:

Enclosed are twelve copies of the monthly operating report for Peach Bottom Units 2 and 3 for the month of November 1992 forwarded pursuant to Technical Specification 6.9.1.d under the guidance of Regulatory Guide 10.1, Revision 4.

Sincerely,


DBM/AAF/TJN/DRM/MJB:cmc

Enclosure

cc: R.A. Burricelli, Public Service Electric & Gas
T.M. Gerusky, Commonwealth of Pennsylvania
J.J. Lyash, USNRC Senior Resident Inspector
R.I. McLean, State of Maryland
T.T. Martin, Administrator, Region I, USNRC
H.C. Schwemm, Atlantic Electric
C.D. Schaefer, Delmarva Power
INPO Records Center

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NRC Monthly Operations Summary
Peach Bottom Atomic Power Station
November 1992

UNIT 2

Unit 2 was shut down the entire month for the ninth refueling outage.

UNIT 3

Unit 3 began the month shut down with testing and maintenance activities for various MOV concerns in progress. Unit 3 returned to service on November 10. Power was reduced from 70% on November 11 after removing the "A" circulating water pump from service (the "C" pump had previously been removed from service for overhaul) to repair a circulating water screen and clean a condenser waterbox. Power ascension continued following repairs with power held briefly at 80% to repair a TIP machine. 100% power was reached on November 21 and maintained for the rest of the month.

UNIT 2 REFUELING INFORMATION

1. Name of facility:

Peach Bottom Unit 2

2. Scheduled date for next refueling shutdown:

Reload 9 in progress.

3. Scheduled date for restart following refueling:

Restart following refueling forecast for December 10, 1992.

4. Will refueling or resumption of operation therefore require a technical specification change or other license amendment?

No.

If answer is yes, what, in general, will these be?

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

N/A

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:

Technical Specification Proposal 92-03 & 92-04 submitted to USNRC to accommodate 24 month fuel cycle.

UNIT 2 REFUELING INFORMATION (Continued)

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 - 1896 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 3819 fuel assemblies.

9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present capacity:

September 2003 without full core offload capability.

September 1997 with full core offload capability.

UNIT 3 REFUELING INFORMATION

1. Name of facility:

Peach Bottom Unit 3

2. Scheduled date for next refueling shutdown:

Reload 9 scheduled for September 4, 1993

3. Scheduled date for restart following refueling

Restart following refueling scheduled for October 29, 1993

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

No

If answer is yes, what, in general, will these be?

N/A

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

N/A

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:

Technical Specification Proposal 92-03 & 92-04 submitted to USNRC to accommodate 24 month fuel cycle.

UNIT 3 REFUELING INFORMATION (Continued)

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 - 1945 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 3819 fuel assemblies.
9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present capacity:
- September 2004 without full core offload capability.
- September 1998 with full core offload capability.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 277

UNIT PEACH BOTTOM UNIT 2

DATE DECEMBER 15, 1992

COMPANY PHILADELPHIA ELECTRIC COMPANY

M. J. BARON

SUPERVISOR

REPORTS GROUP

PEACH BOTTOM ATOMIC POWER STATION

TELEPHONE (717) 456-7014 EXT. 3321

MONTH NOVEMBER 1992

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 DECEMBER 15, 1992

COMPANY PHILADELPHIA ELECTRIC COMPANY

M. J. BARON

SUPERVISOR

REPORTS GROUP

PEACH BOTTOM ATOMIC POWER STATION

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MONTH NOVEMBER 1992

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	0	17	1047
2	0	18	1046
3	0	19	1047
4	0	20	1047
5	0	21	1040
6	0	22	1052
7	0	23	1046
8	0	24	1047
9	0	25	1049
10	105	26	1043
11	454	27	1036
12	298	28	1049
13	705	29	1035
14	958	30	1047
15	1043		
16	1046		

OPERATING DATA REPORT

DOCKET NO. 50 - 277

DATE DECEMBER 15, 1992

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

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PEACH BOTTOM ATOMIC POWER STATION

TELEPHONE (717) 456-7014 EXT. 3321

OPERATING STATUS

1. UNIT NAME: PEACH BOTTOM UNIT 2

2. REPORTING PERIOD: NOVEMBER, 1992

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): 1055

NOTES:

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	8,040	161,376
12. NUMBER OF HOURS REACTOR WAS CRITICAL	0	5,568.1	97,822.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	0.0	5,320.7	94,158.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	0	16,781,064	279,320,793
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	0	5,563,000	91,851,590
18. NET ELECTRICAL ENERGY GENERATED (MWH)	* -3,976	5,361,370	87,978,603

OPERATING DATA REPORT (CONTINUED)

DOCKET NO. 50 - 277

DATE DECEMBER 15, 1992

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	0.0	66.2	58.3
20. UNIT AVAILABILITY FACTOR	0.0	66.2	58.3
21. UNIT CAPACITY FACTOR (USING MDC NET)	0.0	63.2	51.7
22. UNIT CAPACITY FACTOR (USING DER NET)	0.0	62.6	51.2
23. UNIT FORCED OUTAGE RATE	0.0	13.1	14.5
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

None

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

N/A

26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):	FORECAST	ACHIEVED
INITIAL CRITICALITY		09/16/73
INITIAL ELECTRICITY		02/18/74
COMMERCIAL OPERATION		07/05/74

PAGE 2 OF 2

* - NEGATIVE VALUE REPORTED FOR CONSISTENCY WITH FEDERAL ENERGY REGULATORY COMMISSION REPORTS.

OPERATING DATA REPORT

DOCKET NO. 50 - 278

DATE DECEMBER 15, 1992

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OPERATING STATUS

1. UNIT NAME: PEACH BOTTOM UN, " 3
2. REPORTING PERIOD: NOVEMBER, 1992
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:

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	8,040	157,272
12. NUMBER OF HOURS REACTOR WAS CRITICAL	507.0	6,952.3	97,314.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	498.0	6,660.2	93,965.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,463,904	20,125,344	276,219,274
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	477,200	6,663,200	90,665,732
18. NET ELECTRICAL ENERGY GENERATED (MWH)	459,866	6,429,887	86,912,904

 DATE DECEMBER 15, 1992

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	69.2	82.8	59.7
20. UNIT AVAILABILITY FACTOR	69.2	82.8	59.7
21. UNIT CAPACITY FACTOR (USING MDC NET)	61.7	77.3	53.4
22. UNIT CAPACITY FACTOR (USING DER NET)	60.0	75.1	51.9
23. UNIT FORCED OUTAGE RATE	30.8	13.4	12.8
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

None

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

December 10, 1992

26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):	FORECAST	ACHIEVED
INITIAL CRITICALITY		08/07/74
INITIAL ELECTRICITY		07/01/74
COMMERCIAL OPERATION		12/23/74

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 277

UNIT NAME PEACH BOTTOM UNIT 2

DATE DECEMBER 15, 1992

REPORT MONTH NOVEMBER, 1992

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 #	SYSTEM CODE (5)	COMPONENT CODE (6)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
18	921101	S	0.0	C	1	NA	RC	FUELXX	SHUTDOWN FOR REFUELING OUTAGE

(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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 278

UNIT NAME PEACH BOTTOM UNIT 3

DATE DECEMBER 15, 1992

REPORT MONTH NOVEMBER, 1992

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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
23	921101	F	222.0	A	3	3-92-08	SH	VALVE	VARIOUS MOTOR OPERATED VALVES (HPCI, VCIC, RHR, ETC.)
24	921111	F	0.0	A	4	N1	HF	FILTER	REPAIR CIRCULATING WATER SCREEN REACTOR NOT SHUTDOWN
			222.0						

(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