

GCN 92-14025



PEACH BOTTOM—THE POWER OF EXCELLENCE

D. B. Miller, Jr.
Vice President

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PEACH BOTTOM ATOMIC POWER STATION

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(717) 456-7014

February 13, 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 January 1992 forwarded pursuant to Technical Specification 6.9.1.d under the guidance of Regulatory Guide 10.1, Revision 4.

Sincerely,

9AF *[initials]* MJB/cmc
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
January 1992

UNIT 2

Unit 2 began the month at nominal 100% power. On January 2, power was reduced to 80% because of high oil temperatures in the condensate pump thrust bearing oil bath. The oil was replaced with a lighter type and power was returned to 100%. Full power was maintained through the end of the month except for a short power reduction on January 26 to perform MSIV testing.

UNIT 3

Unit 3 began the month in startup with pressure increasing. Criticality was reached on January 2 and the generator was synchronized to the grid on January 9. Power was increased to 23% and held at that level until repairs were completed on the #3 TIP machine. Power was then increased to 35% and held there to complete feedwater flow testing. Full power was reached on January 20 and a short load reduction was taken on January 23 to minimize the possibility of a transient during restoration of a main steam line flow transmitter. Full power was restored by January 24 and remained at that level through the end of the month.

UNIT 2 REFUELING INFORMATION

1. Name of facility:

Peach Bottom Unit 2
2. Scheduled date for next refueling shutdown:

Reload 9 scheduled for September 5, 1992.
3. Scheduled date for restart following refueling:

Restart following refueling forecast for November 20, 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:

N/A

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:

N/A

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 - 1689 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 FEBRUARY 15, 1992

COMPANY PHILADELPHIA ELECTRIC COMPANY

M. J. BARON

SUPERVISOR

REPORTS GROUP

PEACH BOTTOM ATOMIC POWER STATION

TELEPHONE (717) 456-7014 EXT. 3321

MONTH JANUARY 1992

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1066	17	1071
2	1027	18	1070
3	866	19	1071
4	1061	20	1070
5	1062	21	1071
6	1069	22	1071
7	1063	23	1071
8	1064	24	1070
9	1069	25	1071
10	1064	26	1038
11	1068	27	1067
12	1074	28	1071
13	1071	29	1072
14	1071	30	1074
15	1071	31	1071
16	1071		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 278

UNIT PEACH BOTTOM UNIT 3

DATE FEBRUARY 15, 1992

COMPANY PHILADELPHIA ELECTRIC COMPANY

M. J. BARON

SUPERVISOR

REPORTS GROUP

PEACH BOTTOM ATOMIC POWER STATION

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MONTH JANUARY 1992

DAY	AVERAGE DAILY POWER LEVEL (MWL-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	0	17	451
2	0	18	489
3	0	19	805
4	0	20	882
5	0	21	1063
6	0	22	1058
7	0	23	1050
8	0	24	944
9	87	25	1042
10	170	26	1054
11	183	27	1046
12	182	28	1063
13	184	29	1068
14	304	30	1066
15	332	31	1062
16	444		

OPERATING DATA REPORT

DOCKET NO. 50 - 277

DATE FEBRUARY 15, 1992

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

M. J. BARN
SUPERVISOR
REPORTS GROUP
PEACH BOTTOM ATOMIC POWER STATION
TELEPHONE (717) 456-7014 EXT. 3321

OPERATING STATUS

1. UNIT NAME: PEACH BOTTOM UNIT 2
2. REPORTING PERIOD: JANUARY, 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	744	744	154,080
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	744.0	92,998.0
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	744.0	744.0	89,581.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,419,464	2,419,464	264,959,193
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	811,700	811,700	87,100,290
18. NET ELECTRICAL ENERGY GENERATED (MWH)	788,702	788,702	83,405,935

OPERATING DATA REPORT (CONTINUED)

DOCKET NO. 50 - 277

DATE FEBRUARY 15, 1992

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0	100.0	58.1
20. UNIT AVAILABILITY FACTOR	100.0	100.0	58.1
21. UNIT CAPACITY FACTOR (USING MDC NET)	100.5	100.5	51.3
22. UNIT CAPACITY FACTOR (USING DER NET)	99.5	99.5	50.8
23. UNIT FORCED OUTAGE RATE	0.0	0.0	14.5
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: 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

OPERATING DATA REPORT

DOCKET NO. 50 - 278

DATE FEBRUARY 15, 1992

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OPERATING STATUS

1. UNIT NAME: PEACH BOTTOM UNIT 3

2. REPORTING PERIOD: JANUARY, 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	744	744	149,976
12. NUMBER OF HOURS REACTOR WAS CRITICAL	717.6	717.6	91,079.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	541.4	541.4	87,846.4
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,188,864	1,188,864	257,282,794
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	397,300	397,300	84,399,832
18. NET ELECTRICAL ENLGRY GENERATED (MWH)	383,189	383,189	80,866,206

OPERATING DATA REPORT (CONTINUED)

DOCKET NO. 50 - 278

DATE FEBRUARY 15, 1992

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	72.8	72.8	58.6
20. UNIT AVAILABILITY FACTOR	72.8	72.8	58.6
21. UNIT CAPACITY FACTOR (USING MDC NET)	49.8	49.8	52.1
22. UNIT CAPACITY FACTOR (USING DER NET)	48.4	48.4	50.6
23. UNIT FORCED OUTAGE RATE	2.3	2.3	12.6

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: N/A

26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):	FORECAST	ACHIEVED
INITIAL CRITICALITY		08/07/74
INITIAL ELECTRICITY		09/01/74
COMMERCIAL OPERATION		12/23/74

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 277

UNIT NAME PEACH BOTTOM UNIT 2

DATE FEBRUARY 15, 1992

REPORT MONTH JANUARY, 1992

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

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SUPERVISOR

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PEACH BOTTOM ATOMIC POWER STATION

TELEPHONE (717) 456-7014 EXT. 3321

NO.	DATE	TYPE (1)	DURATION (HOURS) (2)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	LICENSEE EVENT REPORT #	SYSTEM CODE (4)	COMPONENT CODE (5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
1	920101	F	0.0	A	4	N/A	CF	VALVEX	TROUBLESHOOT "B" RHR LOOP VALVES REACTOR WAS NOT SHUT DOWN
2	920126	S	0.0	B	4	N/A	CD	VALVEX	POWER REDUCTION FOR MSIV TESTING REACTOR WAS NOT SHUT DOWN

(1)

(2)

(3)

(4)

F - 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 C - INSTRUCTIONS
 FOR PREPARATION OF DATA
 ENTRY SHEETS FOR LICENSEE
 EVENT REPORT (LFR)
 FILE (NUREG-0161)

(5)

EXHIBIT I - SAME SOURCE

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 278

UNIT NAME PEACH BOTTOM UNIT 3

DATE FEBRUARY 15, 1992

REPORT MONTH JANUARY, 1992

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PEACH BOTTOM ATOMIC POWER STATION

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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
16	920101	S	189.7	C	1	N/A	ZZ	ZZZZZZ	PLANNED REFUELING OUTAGE
1	920108	F	6.0	A	1	N/A	HA	TURBIN	TURBINE TRIP ON HIGH VIBRATION
2	920109	F	6.9	A	1	N/A	HA	TURBIN	TURBINE TRIP ON HIGH VIBRATION
3	920109	S	0.0	B	4	N/A	HA	TURBIN	TURBINE OVERSPEED TESTING
4	920117	S	0.0	H	4	N/A	RB	CONROD	CONTROL ROD PATTERN ADJUSTMENT
5	920120	S	0.0	H	4	N/A	RB	CONROD	CONTROL ROD PATTERN ADJUSTMENT
6	920124	F	0.0	H	4	N/A	XX	VALVEX	LOAD DROP TO MINIMIZE TRANSIENT WHILE ISOLATING VALVE
7	920124	S	0.0	H	4	N/A	RB	CONROD	CONTROL ROD PATTERN ADJUSTMENT
			202.6						

(1)

(2)

(3)

(4)

F - 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 G - INSTRUCTIONS
 FOR PREPARATION OF DATA
 ENTRY SHEETS FOR LICENSEE
 EVENT REPORT (LER)
 FILE (NUREG-0161)

(5)

EXHIBIT I - SAME SOURCE