

NRC Monthly Operations Summary
Peach Bottom Atomic Power Station
March, 1989

UNIT 2

The unit remained shut down during the report period with modification and restart activities in progress.

UNIT 3

The unit remained shut down during the report period with modifications and restart activities in progress.

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UNIT 2 REFUELING INFORMATION

1. Name of facility:
Peach Bottom Unit 2
2. Scheduled date for next refueling shutdown:
 - (1) Reload 7 completed
 - (2) Reload 8 scheduled for January 4, 1991
3. Scheduled date for restart following refueling:
 - (1) Restart following NRC Shutdown Order targeted for late April, 1989.
 - (2) Restart following refueling scheduled for April 20, 1991
4. Will refueling or resumption of operation therefore require a technical specification change or other license amendment?
Yes
If answer is yes, what, in general, will these be?
 - (1) Electrical Loading Sequence Modification Amendment
 - (2) SRM/IRM Calibration
5. Scheduled date(s) for submitting proposed licensing action and supporting information:
 - (1) Revision to Electrical Loading Sequence Modification Amendment submitted January 26, 1989. Additional supporting information was submitted March 6, 1989.

UNIT 2 REFUELING INFORMATION (Continued)

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:

Refueling completed.

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 - 1734 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:
 - (1) Reload 7 in progress (Major Pipe Replacement Outage)
 - (2) Reload 8 scheduled for August 30, 1991
3. Scheduled date for restart following refueling
 - (1) Restart following refueling scheduled for September 30, 1989
 - (2) Restart following refueling scheduled for December 14, 1991
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?
 - (1) Primary System Pipe Replacement Modification Amendment
 - (2) Cycle 8 Reload Amendment
5. Scheduled date(s) for submitting proposed licensing action and supporting information:
 - (1) Primary System Pipe Replacement Amendment submitted March 21, 1988
 - (2) Cycle 8 Reload License Amendment submitted July 7, 1988

UNIT 3 REFUELING INFORMATION (Continued)

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 - 0 Fuel Assemblies (764 assemblies offloaded during outage)

(b) Fuel Pool - 2260 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. This modification began on February 20, 1987. The completion date for this modification has been rescheduled for the first quarter of 1990 to accommodate the Unit 3 pipe replacement outage.

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

With the current fuel pool capacity (prior to the completion of the fuel pool reracking modification):

September, 1996 without full core offload capability.

End of next cycle with full core offload capability (est. January, 1991).

With increased fuel pool capacity (subsequent to the completion of the fuel pool reracking modification):

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 APRIL 15, 1989

COMPANY PHILADELPHIA ELECTRIC COMPANY

M. J. BARON
SUPERVISOR
REPORTS GROUP
PEACH BOTTOM ATOMIC POWER STATION

TELEPHONE (717) 457-7014 EXT. 3321

MONTH MARCH 1989

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	31	0
16	0		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 278

UNIT PEACH BOTTOM UNIT 3

DATE APRIL 15, 1989

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MONTH MARCH 1989

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	31	0
16	0		

OPERATING DATA REPORT

DOCKET NO. 50 - 277

DATE APRIL 15, 1989

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

M. J. BARON
SUPERVISOR
REPORTS GROUP

PEACH BOTTOM ATOMIC POWER STATION
TELEPHONE (717) 457-7014 EXT. 3321

OPERATING STATUS

1. UNIT NAME: PEACH BOTTOM UNIT 2
2. REPORTING PERIOD: MARCH, 1989
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 REMAINED SHUTDOWN
UNDER NRC ORDER WITH EXTENDED
REFUEL ACTIVITY CONTINUING.

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	2,160	129,216
12. NUMBER OF HOURS REACTOR WAS CRITICAL	0	0	74,196.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	0.0	0.0	71,866.8
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	0	0	212,810,745
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	0	0	70,019,230
18. NET ELECTRICAL ENERGY GENERATED (MWH)	* -4,595	* -13,415	66,978,701

DATE APRIL 15, 1989

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	0.0	0.0	55.6
20. UNIT AVAILABILITY FACTOR	0.0	0.0	55.6
21. UNIT CAPACITY FACTOR (USING MDC NET)	0.0	0.0	49.3
22. UNIT CAPACITY FACTOR (USING DER NET)	0.0	0.0	48.7
23. UNIT FORCED OUTAGE RATE	0.0	0.0	14.6
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): REFUELING OUTAGE			

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		09/16/73
INITIAL ELECTRICITY		02/18/74
COMMERCIAL OPERATION		07/05/74

OPERATING DATA REPORT

DOCKET NO. 50 - 278

DATE APRIL 15, 1989

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M. J. BARON

SUPERVISOR

REPORTS GROUP

PEACH BOTTOM ATOMIC POWER STATION

TELEPHONE (717) 457-7014 EXT. 3321

OPERATING STATUS

1. UNIT NAME: PEACH BOTTOM UNIT 3
2. REPORTING PERIOD: MARCH, 1989
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 REMAINED SHUTDOWN
UNDER NRC ORDER WITH REFUEL
AND EXTENDED PIPE REPLACEMENT
ACTIVITIES IN PROGRESS.

8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITE'S 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	2,160	125,112
12. NUMBER OF HOURS REACTOR WAS CRITICAL	0	0	76,357.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	0.0	0.0	73,929.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	0	0	215,278,901
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	0	0	70,611,432
18. NET ELECTRICAL ENERGY GENERATED (MWH)	* -4,595	* -13,415	67,639,740

DATE APRIL 15, 1989

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	0.0	0.0	59.1
20. UNIT AVAILABILITY FACTOR	0.0	0.0	59.1
21. UNIT CAPACITY FACTOR (USING MDC NET)	0.0	0.0	52.2
22. UNIT CAPACITY FACTOR (USING DER NET)	0.0	0.0	50.8
23. UNIT FORCED OUTAGE RATE	0.0	0.0	13.3

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
 INDETERMINATE UNTIL NRC ORDER IS SATISFIED.

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		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 APRIL 15, 1989

REPORT MONTH MARCH, 1989

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

M. J. BARON
SUPERVISOR
REPORTS GROUP
PEACH BOTTOM ATOMIC POWER STATION
TELEPHONE (717) 457-7014 EXT. 3321

NO.	DATE	TYPE (1)	DURATION (HOURS) (2)	REASON (3)	METHOD OF SHUTTING DOWN REACTOR (3)	LICENSEE EVENT REPORT #	SYSTEM CODE (4)	COMPONENT CODE (5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
7	890301	S	744.0 ----- 744.0	D	1	N/A	ZZ	ZZZZZZ	NRC REQUIRED SHUTDOWN

- | | | | |
|-----------------------------|---|--|---|
| (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 |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 278

UNIT NAME PEACH BOTTOM UNIT 3

DATE APRIL 15, 1989

REPORT MONTH MARCH, 1989

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

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REPORTS GROUP
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NO.	DATE	TYPE (1)	DURATION (HOURS) (1)	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	890301	S	744.0 ----- 744.0	C	1	N/A	RC	FUELXX	CONTINUATION OF REFUEL AND PIPE REPLACEMENT ACTIVITY.

(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



PEACH BOTTOM—THE POWER OF EXCELLENCE

PHILADELPHIA ELECTRIC COMPANY

PEACH BOTTOM ATOMIC POWER STATION
R. D. 1, Box 208
Delta, Pennsylvania 17314
(717) 456-7014

D. M. Smith
Vice President

April 13, 1989

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:

Attached are twelve copies of the monthly operating report for Peach Bottom Units 2 and 3 for the month of March, 1989 forwarded pursuant to Technical Specification 6.9.1.d under the guidance of Regulatory Guide 10.1, Revision 4.

Sincerely,

DMS/MJB:cmc

Attachment

- cc: W.T. Russell, Administrator, Region I, USNRC
- T.P. Johnson, USNRC Senior Resident Inspector
- S.P. Mangi, Dept. of Envir. Resources
- W.H. Lovelace, NRC (2 copies)
- R.E. Martin, NRC Project Manager
- Thomas Magette, Maryland Power Plant Siting
- INPO Records Center

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