Gerald R. Rainey
Vice President
Peach Bottom Atomic Power Station

PECO ENERGY

PECO Energy Company
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Delta, PA 17314-9739
717 456 7014

March 10,1994

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

Docket Nos. 50-277 and 50-278

Gentlemen:

Enclosed are twelve copies of the monthly operating report for Peach Bottom Units 2 and 3 for the month of February 1994 forwarded pursuant to Technical Specification 6.9.1.d under the guidance of Regulatory Guide 10.1, Revision 4.

Sincerely,

GRRainey

Gerald R. Rainey
Vice President

GRR/AJW/GHG/TJN/MSH:wjj

enclosures

cc: R.A. Burricelli, Public Service Electric & Gas
W.P. Dornsife, Commonwealth of Pennsylvania
R.I. McLean, State of Maryland
T.T. Martin, Administrator, Region I, USNRC
W.L. Schmidt, USNRC, Senior Resident Inspector
H.C. Schwemm, Atlantic Electric
C.D. Schaefer, Delmarva Power
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PEACH BOTTOM ATOMIC POWER STATION
NRC MONTHLY OPERATIONS SUMMARY
FEBRUARY 1994

OVERVIEW OF ACTIVITIES

COMMON PLANT

The following plant maintenance outages occurred during the month of February.

* E-1 Emergency Diesel Generator
* Motor Driven Fire Pump
* Diesel Driven Fire Pump

UNIT 2

Unit 2 began the month of February at a nominal 100% power.

On February 8,1994 at 00:30 hours power was reduced to perform a rod pattern adjustment. The unit was returned to 100% power at 11:00 hours.

On February 10,1994 at 05:00 hours power was reduced to repair a steam leak on "5A" feedwater heater extraction steam valve. The unit returned to 100% power at 00:00 hours on February 11,1994.

On February 19,1994 at 00:00 hours power was reduced to perform waterbox cleaning and flux tilt testing. After completion of testing the unit was returning to 100% nominal power on February 23,1994 but at 10:00 hours power had to be reduced again to perform rod pattern adjustments.

On February 26,1994 at 07:00 hours power reached 100% nominal and remained at that level for the rest of February.

The following maintenance outages occurred on Unit 2:

* HPCI Room Coolers

UNIT 3

Unit 3 began the month of February at a nominal 100% power.

On February 3,1994 at 19:14 hours Unit 3 was shutdown due to a failure of the main generator field ground resistor.

On February 7,1994 at 05:17 hours Unit 3 was restarted and a power ascension began.

On February 8,1994 at 21:00 hours Unit 3 reached 100% nominal power and operated at that level for the rest of the month

The following maintenance outages occurred on Unit 3:

* RCIC
* "A" Loop RHR

Docket No. 50-277
Attachment to
Monthly Operating
Report for February 1994

UNIT 2 REFUELING INFORMATION

1. Name of facility:

   Peach Bottom Unit 2

2. Scheduled date for next refueling shutdown:

   Reload 10 scheduled for September 10, 1994.

3. Scheduled date for restart following refueling:

   Restart following refueling forecast for November 8, 1994.

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

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 - 2164 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.

UNIT 2 REFUELING INFORMATION (Continued)

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

September 2002 without full core offload capability.

September 1998 with full core offload capability.

Docket No. 50-278
Attachment to
Monthly Operating
Report for February 1994

UNIT 3 REFUELING INFORMATION

1. Name of facility:

   Peach Bottom Unit 3

2. Scheduled date for next refueling shutdown:

   Reload 10 scheduled for September 11,1995

3. Scheduled date for restart following refueling

   Restart following refueling scheduled for November 13, 1995

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?

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

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 - 2201 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.

UNIT 3 REFUELING INFORMATION (Continued)

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.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 277
UNIT PEACH BOTTOM UNIT 2
DATE MARCH 9,1994
COMPANY PECO ENERGY COMPANY

W. J. JEFFREY
PERFORMANCE AND RELIABILITY
SITE ENGINEERING
PEACH BOTTOM ATOMIC POWER STATION

TELEPHONE (717) 456-7014 EXT. 4027

MONTH FEBRUARY 1994

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1033	17	1048
2	1049	18	1040
3	1048	19	406
4	1047	20	378
5	1051	21	436
6	1054	22	667
7	1039	23	934
8	1046	24	896
9	1025	25	836
10	977	26	1047
11	1034	27	1066
12	1037	28	1061
13	1041		
14	1041		
15	1041		
16	1053		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 278
UNIT PEACH BOTTOM UNIT 3
DATE MARCH 9,1994
COMPANY PECO ENERGY COMPANY

W. J. JEFFREY
PERFORMANCE AND RELIABILITY
SITE ENGINEERING
PEACH BOTTOM ATOMIC POWER STATION

TELEPHONE (717) 456-7014 EXT. 4027

MONTH FEBRUARY 1994

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1048	17	1064
2	1065	18	1060
3	849	19	1069
4	0	20	1069
5	0	21	1073
6	0	22	1069
7	404	23	1068
8	995	24	1065
9	1068	25	1060
10	1059	26	1069
11	1068	27	1069
12	1060	28	1068
13	1064		
14	1068		
15	1064		
16	1064		

OPERATING DATA REPORT

DOCKET NO. 50 - 277

DATE MARCH 9,1994

COMPLETED BY PECO ENERGY COMPANY

W. J. JEFFREY
PERFORMANCE AND RELIABILITY
SITE ENGINEERING
PEACH BOTTOM ATOMIC POWER STATION
TELEPHONE (717) 456-7014 EXT. 4027

OPERATING STATUS

1. UNIT NAME: PEACH BOTTOM UNIT 2
2. REPORTING PERIOD: FEBRUARY, 1994
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	672	1,416	172,296
12. NUMBER OF HOURS REACTOR WAS CRITICAL	672.0	1,416.0	107,528.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	672.0	1,416.0	103,636.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,002,867	4,378,109	308,867,602
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	653,600	1,438,100	101,589,590
18. NET ELECTRICAL ENERGY GENERATED (MWH)	634,312	1,397,939	97,388,741

DATE MARCH 9,1994

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0	100.0	60.2
20. UNIT AVAILABILITY FACTOR	100.0	100.0	60.2
21. UNIT CAPACITY FACTOR (USING MDC NET)	89.5	93.6	53.6
22. UNIT CAPACITY FACTOR (USING DER NET)	88.6	92.7	53.1
23. UNIT FORCED OUTAGE RATE	0.0	0.0	13.7

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: 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 MARCH 9,1994
COMPLETED BY PECO ENERGY COMPANY

W. J. JEFFREY
PERFORMANCE AND RELIABILITY
SITE ENGINEERING
PEACH BOTTOM ATOMIC POWER STATION
TELEPHONE (717) 456-7014 EXT. 4027

OPERATING STATUS

1. UNIT NAME: PEACH BOTTOM UNIT 3
2. REPORTING PERIOD: FEBRUARY, 1994
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	672	1,416	168,192
12. NUMBER OF HOURS REACTOR WAS CRITICAL	591.0	1,335.0	106,006.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	591.0	1,335.0	102,626.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,917,396	4,365,096	303,138,573
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	632,600	1,449,400	99,439,532
18. NET ELECTRICAL ENERGY GENERATED (MWH)	615,752	1,409,762	95,383,769

DATE MARCH 9,1994

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	87.9	94.3	61.0
20. UNIT AVAILABILITY FACTOR	87.9	94.3	61.0
21. UNIT CAPACITY FACTOR (USING MDC NET)	88.5	96.2	54.8
22. UNIT CAPACITY FACTOR (USING DER NET)	86.0	93.5	53.2
23. UNIT FORCED OUTAGE RATE	12.1	5.7	12.2

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: 11/14/95

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 MARCH 9,1994
COMPLETED BY PECO ENERGY COMPANY

REPORT MONTH FEBRUARY, 1994

W. J. JEFFREY
PERFORMANCE AND RELIABILITY
SITE ENGINEERING
PEACH BOTTOM ATOMIC POWER STATION
TELEPHONE (717) 456-7014 EXT. 4027

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
9	940208	S	9.5	H	4	N/A	RC	CONROD	ROD PATTERN ADJUSTMENT.REACTOR NOT SHUTDOWN
10	940210	F	19.0	A	4	N/A	CH	VALVEX	HEATER 5A STEAM LEAK REPAIR. REACTOR NOT SHUTDOWN.
11	940219	F	63.0	B	4	N/A	HF	HTEXCH	CLEAN CONDENSER WATERBOXES.REACTOR NOT SHUTDOWN
12	940223	F	35.0	H	4	N/A	RC	CONROD	ROD PATTERN ADJUSTMENT/FLUX TILT TESTING. REACTOR NOT SHUTDOWN
13	940224	F	34.0	H	4	N/A	RC	CONROD	ROD PATTERN ADJUSTMENT. REACTOR NOT SHUTDOWN
			160.5						

(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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 278
UNIT NAME PEACH BOTTOM UNIT 3
DATE MARCH 9,1994
COMPLETED BY PECO ENERGY COMPANY
W. J. JEFFREY
PERFORMANCE AND RELIABILITY
SITE ENGINEERING
PEACH BOTTOM ATOMIC POWER STATION
TELEPHONE (717) 456-7014 EXT. 4027

REPORT MONTH FEBRUARY, 1994

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
1	940203	F	81.0	A	2	N/A	HA	GENERA	MAIN GENERATOR FIELD GROUND RESISTOR.
			81.0						

(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