

Exelon Nuclear
Peach Bottom Atomic Power Station
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December 6, 2002

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

Docket Nos. 50-277 and 50-278

Gentlemen:

Enclosed is the monthly operating report for Peach Bottom Units 2 and 3 for the month of November 2002 forwarded pursuant to Technical Specification 5.6.4 under the guidance of Regulatory Guide 10.1, Revision 4.

Sincerely,



Edwin J. Eilola Jr.
Director, Site Engineering
Peach Bottom Atomic Power Station

EJE/NPA/CSL:cmg

OK NPA CSL
Enclosures

cc:

H. J. Miller, Administrator, Region I, USNRC
A.C. McMurtray, USNRC, Senior Resident Inspector, PBAPS

ccn 02-14078

IE24

Peach Bottom Atomic Power Station
Unit 2
November 1 through November 30, 2002

Narrative Summary of Operating Experiences

Unit 2 began the month of November at 100% power.

At 0118, on November 21st, Unit 2 reduced power to 97%, for planned turbine control valve testing. The Unit returned to 100% power by 0214 on November 21st.

At 1015 on November 23rd, Unit 2 reduced power to 93% for planned activities in support of the Appendix K uprate. Following completion of the necessary activities, the Unit returned to 100% power by 1332 on November 24th. From this point forward, unless otherwise mentioned, full power for Unit 2 changes from 3458 MWth to 3514 MWth, as a result of the Appendix K uprate.

Unit 2 ended the month of November at 100% power.

Peach Bottom Atomic Power Station
Unit 3
November 1 through November 30, 2002

Narrative Summary of Operating Experiences

Unit 3 began the month of November at 100% power.

At 0131, on November 4th, Unit 3 experienced an unplanned power reduction to 69%, in response to a load runback signal initiated when the 3B RFPT tripped. The RFPT tripped due to the failure of the SV-13 solenoid valve during testing. The Unit returned to 100% power by 1847 on November 4th.

Unit 3 ended the month of November at 100% power.

UNIT 2 REFUELING INFORMATION

1. Name of facility:

Peach Bottom Unit 2

2. Scheduled date for next refueling shutdown:

Reload 15 is scheduled for September 22, 2004.

3. Scheduled date for restart following refueling:

Restart following refueling forecast for October 7, 2004.

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?

- a. Cycle 15 Safety Limit MCPR Change. NRC approval obtained 9/23/02.

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

Nothing to report for this period.

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:

Nothing to report this period.

UNIT 2 REFUELING INFORMATION (Continued)

7. The number of fuel assemblies (a) in the core, (b) in the spent fuel storage pool and (c) dry storage.

- (a) Core - 764 Fuel Assemblies
- (b) Fuel Pool - 2908 Fuel Assemblies, 58 Fuel Rods
- (c) Interim Spent Fuel Storage Installation - 608 fuel assemblies

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:

Based on projected dry cask storage schedules and reload batch sizes, a full core discharge will remain available throughout plant life.

UNIT 3 REFUELING INFORMATION

1. Name of facility:

Peach Bottom Unit 3

2. Scheduled date for next refueling shutdown:

Reload 14 is scheduled for September 22, 2003.

3. Scheduled date for restart following refueling

Restart following refueling forecast for October 7, 2003.

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?

a.) Potential Cycle 15 Safety Limit MCPR Change.

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

a.) Submittal anticipated July 2003.

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:

(a) The 3R14 reload will consist of approximately 288 GE-14 bundles. This will be the second reload of GE-14 fuel.

7. The number of fuel assemblies (a) in the core, (b) in the spent fuel storage pool and (c) dry storage.

(a) Core - 764 Fuel Assemblies

(b) Fuel Pool – 2997 Fuel Assemblies, 6 Fuel Rods

(c) Interim Spent Fuel Storage Installation – 340 fuel assemblies

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:

Based on projected dry cask storage schedules and reload batch sizes, a full core discharge will remain available throughout plant life.

OPERATING DATA REPORT

DOCKET NO. 50 - 277
 DATE DECEMBER 10, 2002
 COMPLETED BY EXELON
 C. S. LEWIS
 PLANT ENGINEERING
 ENGINEERING DIVISION
 PEACH BOTTOM ATOMIC POWER STATION
 TELEPHONE (717) 456-3245

OPERATING STATUS

1. UNIT NAME: PEACH BOTTOM UNIT 2
 2. REPORTING PERIOD: NOVEMBER, 2002
 3. DESIGN ELECTRICAL RATING (NET MWE): 1119
 4. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 1159
 5. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 1093

	THIS MONTH	YR-TO-DATE	CUMULATIVE
6. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	7,489.8	180,573.4
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	720.0	7,472.0	176,202.8
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	818,984	8,134,086	173,180,920

OPERATING DATA REPORT (CONTINUED)

DOCKET NO. 50 - 277

DATE DECEMBER 10, 2002

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. UNIT SERVICE FACTOR	100.0 %	93.2 %	70.8 %
12. UNIT AVAILABILITY FACTOR	100.0 %	93.2 %	70.8 %
13. UNIT CAPACITY FACTOR (USING MDC NET)	104.1 %	92.8 %	65.1 %
14. UNIT CAPACITY FACTOR (USING DER NET)	101.7 %	90.7 %	64.0 %
15. UNIT FORCED OUTAGE RATE	.0 %	.0 %	9.7 %
16 SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE AND DURATION OF EACH): (717) 456-4248			
17. IF SHUTDOWN AT THE END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: (717) 456-4248			
18. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATIONS):	FORECAST	ACHIEVED	
INITIAL CRITICALITY		09/16/73	
INITIAL ELECTRICITY		02/18/74	
COMMERCIAL OPERATION		07/05/74	

UNIT SHUTDOWNS

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REPORT MONTH NOVEMBER, 2002

NO.	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
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TOTAL HOURS

(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)

OPERATING DATA REPORT

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 TELEPHONE (717) 456-3245

OPERATING STATUS

1. UNIT NAME: PEACH BOTTOM UNIT 3
 2. REPORTING PERIOD: NOVEMBER, 2002
 3. DESIGN ELECTRICAL RATING (NET MWE): 1119
 4. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 1159
 5. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 1093

	THIS MONTH	YR-TO-DATE	CUMULATIVE
6. NUMBER OF HOURS REACTOR WAS CRITICAL	720 0	8,016 0	179,395.5
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0 0	0 0
8. HOURS GENERATOR ON-LINE	720 0	7,996.4	175,489.8
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0 0	0 0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	804,355	8,813,082	171,281,664

OPERATING DATA REPORT (CONTINUED)

DOCKET NO. 50 - 278
 DATE DECEMBER 10, 2002

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. UNIT SERVICE FACTOR	100.0 %	99.8 %	71.7 %
12. UNIT AVAILABILITY FACTOR	100.0 %	99.8 %	71.7 %
13. UNIT CAPACITY FACTOR (USING MDC NET)	102.2 %	100.6 %	66.2 %
14. UNIT CAPACITY FACTOR (USING DER NET)	99.8 %	98.3 %	64.5 %
15. UNIT FORCED OUTAGE RATE	.0 %	.2 %	8.4 %
16. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE AND DURATION OF EACH): (717) 456-4248			
17. IF SHUTDOWN AT THE END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: (717) 456-4248			
18. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATIONS):	FORECAST	ACHIEVED	
INITIAL CRITICALITY		08/07/74	
INITIAL ELECTRICITY		09/01/74	
COMMERCIAL OPERATION		12/23/74	

UNIT SHUTDOWNS

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NO.	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
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TOTAL HOURS

(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)