PECO NUCLEAR

A Unit of PECO Energy

PECO Energy Company
1848 Lay Road
Delta, PA 17314-9032
717 456 7014

May 2, 2000

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 April 2000 forwarded pursuant to Technical Specification 5.6.4 under the guidance of Regulatory Guide 10.1, Revision 4.

Sincerely,

Gordon L. Johnston
Director, Site Engineering
Peach Bottom Atomic Power Station

GLJ/CHM/TFG/CSL:cms

Enclosures

cc: Manager, Financial Controls & Co-owner Affairs, Public Service Electric & Gas
R. R. Janati, Commonwealth of Pennsylvania
R.I. McLean, State of Maryland
H. J. Miller, Administrator, Region I, USNRC
A.C. McMurtray, USNRC, Senior Resident Inspector
A.F. Kirby, III, Delmarva Power & Light
INPO Records Center

ccn 00-14042

IE24

Peach Bottom Atomic Power Station
Unit 2
April 1 through April 30, 2000

Narrative Summary of Operating Experiences

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

The unit reduced power to 75% starting at 00:00 on April 15 for control rod pattern adjustment. The unit returned to 100% power by 19:00 on April 16.

The unit reduced power to 84% starting at 23:00 on April 28 for control rod pattern adjustment, and scram timing. The unit returned to 100% power by 06:30 on April 29.

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

Peach Bottom Atomic Power Station
Unit 3
April 1 through April 30, 2000

Narrative Summary of Operating Experiences

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

The unit operated at 100% for the entire month.

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

UNIT 2 REFUELING INFORMATION

1. Name of facility:

   Peach Bottom Unit 2

2. Scheduled date for next refueling shutdown:

   Reload 13 is scheduled for September 8, 2000.

3. Scheduled date for restart following refueling:

   Restart following refueling forecast for October 8, 2000.

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. Power Range Monitor Modification to be implemented during 2R13.
   2. Cycle 14 Safety Limit MCPR Change.
   3. Reduction in the amount of Tech. Spec. required excess flow check valve testing.

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

   1. Power Range Monitor Modification was reviewed and approved for Unit 3. Submittal of final Tech Spec pages for Unit 2 for NRC approval is scheduled for June, 2000.
   2. Cycle 14 MCPR is scheduled for submittal in July, 2000.
   3. Excess flow check valve testing change is planned for submittal in April, 2000.

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 reload includes 292 GE-14 bundles. This will be the first reload of GE-14 fuel.

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 - 3012 Fuel Assemblies, 52 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 2002 without full core offload capability.

   September 1998 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 13 is scheduled for October 5, 2001.

3. Scheduled date for restart following refueling

   Restart following refueling is scheduled by November 4, 2001

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

   N/A

   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:

   (a) The last refueling outage's reload included 276 GE-13 bundles which replaced an equal number of GE-11 bundles. This was the second reload of GE-13 fuel for the unit.

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 - 3053 Fuel Assemblies, 16 Fuel Rods
   (one of the 3053 is a skeleton which contains less than a full complement of 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 1999 with full core offload capability.

OPERATING DATA REPORT

DOCKET NO. 50 - 277
DATE MAY 2, 2000
COMPLETED BY PECO ENERGY COMPANY
C. M. SHAW
PLANT ENGINEERING
ENGINEERING DIVISION
PEACH BOTTOM ATOMIC POWER STATION
TELEPHONE (717) 456-4996

OPERATING STATUS

1. UNIT NAME: PEACH BOTTOM UNIT 2
2. REPORTING PERIOD: APRIL, 2000
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	719.0	2,903.0	159,134.2
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	719.0	2,903.0	154,900.9
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	801,070	3,157,334	150,311,916

OPERATING DATA REPORT (CONTINUED)

DOCKET NO. 50 - 277

DATE MAY 2, 2000

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. UNIT SERVICE FACTOR	100.0 %	100.0 %	68.4 %
12. UNIT AVAILABILITY FACTOR	100.0 %	100.0 %	68.4 %
13. UNIT CAPACITY FACTOR (USING MDC NET)	101.9 %	99.5 %	62.4 %
14. UNIT CAPACITY FACTOR (USING DER NET)	99.6 %	97.2 %	61.4 %
15. UNIT FORCED OUTAGE RATE	.0 %	.0 %	10.4 %

16. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE AND DURATION OF EACH):
(717) 456-3412

17. IF SHUTDOWN AT THE END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: (717) 456-3412

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

OPERATING DATA REPORT

DOCKET NO. 50 - 278
DATE MAY 2, 2000
COMPLETED BY PECO ENERGY COMPANY
C. M. SHAW
PLANT ENGINEERING
ENGINEERING DIVISION
PEACH BOTTOM ATOMIC POWER STATION
TELEPHONE (717) 456-4996

OPERATING STATUS

1. UNIT NAME: PEACH BOTTOM UNIT 3
2. REPORTING PERIOD: APRIL, 2000
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	719.0	2,903.0	157,368.7
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	719.0	2,903.0	153,519.5
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	805,335	3,230,455	147,617,814

OPERATING DATA REPORT (CONTINUED)

DOCKET NO. 50 - 278

DATE MAY 2, 2000

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. UNIT SERVICE FACTOR	100.0 %	100.0 %	69.1 %
12. UNIT AVAILABILITY FACTOR	100.0 %	100.0 %	69.1 %
13. UNIT CAPACITY FACTOR (USING MDC NET)	102.5 %	101.8 %	63.2 %
14. UNIT CAPACITY FACTOR (USING DER NET)	100.1 %	99.4 %	61.6 %
15. UNIT FORCED OUTAGE RATE	.0 %	.0 %	9.4 %

16. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE AND DURATION OF EACH):
(717) 456-3412

17. IF SHUTDOWN AT THE END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: (717) 456-3412

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