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September 4, 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 July 2002 forwarded pursuant to Technical Specification 5.6.4 under the guidance of Regulatory Guide 10.1, Revision 4.

Sincerely,

DBMarfel for PJD

Paul J. Davison
Director, Site Engineering
Peach Bottom Atomic Power Station

PJD/PRR/CSL:cmg
PRR CSL
Enclosures

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

ccn 02-14067

IE24

Peach Bottom Atomic Power Station
Unit 2
August 1 through August 31, 2002

Narrative Summary of Operating Experiences

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

At 2310, on August 3rd, Unit 2 reduced power to 93%, from 98.7%, to remove the 4th feedwater heaters from service. With the 4th heaters out of service, the Unit was able to return to 100% power at 0203, on August 4th.

At 0200, on August 31st, Unit 2 reduced power to 73%, from 90.7%, to support putting the 4th stage feedwater heaters back in service, to be followed by removing the entire "B" string from service. During the evolution, the 4C feedwater heater extraction steam stop valve would not open, so the evolution was aborted, with the 4th and 5th heaters still out of service. The Unit returned to 88% power by 2314, on August 21st.

Unit 2 ended the month of August at 88% power, in coastdown to 2R14, with the 4th and 5th feedwater heaters out of service.

Peach Bottom Atomic Power Station
Unit 3
August 1 through August 31, 2002

Narrative Summary of Operating Experiences

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

At 1122, on August 30th, Unit 3 reduced power to 90%, in anticipation of the shutdown of the 3A circ pump, due to high circ water screen differential pressure. The high screen dP's were caused by a sudden surge in the amount of fish (Gizzard Shad) that entered the intake canal. Following circ pump inlet screen cleaning, the Unit returned to 100% power by 1345 on August 30th.

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

UNIT 2 REFUELING INFORMATION

1. Name of facility:

   Peach Bottom Unit 2

2. Scheduled date for next refueling shutdown:

   Reload 14 is scheduled for September 10, 2002.

3. Scheduled date for restart following refueling:

   Restart following refueling forecast for September 30, 2002.

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. Potential Cycle 15 Safety Limit MCPR Change.

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

   a. Submitted June 10, 2002.

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 2R14 reload will consist of 284 GE-14 bundles. This will be the second reload of GE-14 fuel.

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 284 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 SEPTEMBER 5, 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 ---------- AUGUST, 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	744 0	5,831 0	178,914 6
7. REACTOR RESERVE SHUTDOWN HOURS	0 0	0.0	0 0
8. HOURS GENERATOR ON-LINE	744 0	5,831 0	174,561.8
9 UNIT RESERVE SHUTDOWN HOURS	0 0	0.0	0 0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	735,581	6,377,064	171,423,897

OPERATING DATA REPORT (CONTINUED)

DOCKET NO. 50 - 277

DATE SEPTEMBER 5, 2002

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. UNIT SERVICE FACTOR	100.0 %	100 0 %	70.7 %
12. UNIT AVAILABILITY FACTOR	100 0 %	100 0 %	70 7 %
13. UNIT CAPACITY FACTOR (USING MDC NET)	90 5 %	100.1 %	65 0 %
14 UNIT CAPACITY FACTOR (USING DER NET)	88.4 %	97.7 %	63 9 %
15 UNIT FORCED OUTAGE RATE	.0 %	0 %	9 8 %

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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DATE SEPTEMBER 5, 2002
COMPLETED BY EXELON
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PEACH BOTTOM ATOMIC POWER STATION
TELEPHONE (717) 456-3245

REPORT MONTH AUGUST, 2002

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

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

DOCKET NO. 50 - 278
DATE SEPTEMBER 5, 2002
COMPLETED BY EXELON
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PLANT ENGINEERING
ENGINEERING DIVISION
PEACH BOTTOM ATOMIC POWER STATION
TELEPHONE (717) 456-3245

OPERATING STATUS

1. UNIT NAME ---------- PEACH BOTTOM UNIT 3
2. REPORTING PERIOD: ---------- AUGUST, 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	744.0	5,831 0	177,210 5
7. REACTOR RESERVE SHUTDOWN HOURS	0 0	0 0	0 0
8. HOURS GENERATOR ON-LINE	744 0	5,811.4	173,304 8
9 UNIT RESERVE SHUTDOWN HOURS	0 0	0 0	0 0
10 NET ELECTRICAL ENERGY GENERATED (MWH)	814,664	6,386,811	168,855,393

OPERATING DATA REPORT (CONTINUED)

DOCKET NO 50 - 278

DATE SEPTEMBER 5, 2002

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11 UNIT SERVICE FACTOR	100 0 %	99.7 %	71 4 %
12. UNIT AVAILABILITY FACTOR	100.0 %	99.7 %	71 4 %
13. UNIT CAPACITY FACTOR (USING MDC NET)	100.2 %	100 2 %	65 9 %
14. UNIT CAPACITY FACTOR (USING DER NET)	97 9 %	97.9 %	64 2 %
15. UNIT FORCED OUTAGE RATE	0 %	.3 %	8 5 %

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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DATE SEPTEMBER 5, 2002
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PEACH BOTTOM ATOMIC POWER STATION
TELEPHONE (717) 456-3245

REPORT MONTH AUGUST, 2002

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

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)