



PECO NUCLEAR

A Unit of PECO Energy

PECO Energy Company
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January 5, 1999

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 December 1998 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/PJD/DLK/JC:dmk

PJD
Enclosures

- cc: N.J. Sproul, 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
- J. Doering, PECO Nuclear, Vice President, Peach Bottom Atomic Power Station (e-mail)

ccn 99-14001

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Peach Bottom Atomic Power Station
Unit 2
December 1 through December 31, 1998

1. Narrative Summary of Operating Experiences

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

The unit reduced power to 60% starting at 23:00 on December 11 to perform condenser waterbox cleaning.

The unit returned to 100% at 05:00 on December 13.

The unit reduced power to 60% starting at 02:00 on December 19 to repair an extraction steam line leak.

The unit reached 100% power at 15:00 on December 19.

Unit 2 ended the month of December 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 29, 2000.
3. Scheduled date for restart following refueling:
Restart following refueling forecast for October 27, 2000.
4. Will refueling or resumption of operation therefore 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 reload included 292 GE-13 bundles which replaced an equal number of GE-11 bundles. This was the second reload of GE-13 fuel for the unit.

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.

OPERATING DATA REPORT

DOCKET NO. 50 - 277
 DATE JANUARY 6, 1999
 COMPLETED BY PECO ENERGY COMPANY
 D. M. KILGORE
 PLANT ENGINEERING
 ENGINEERING DIVISION
 PEACH BOTTOM ATOMIC POWER STATION
 TELEPHONE (717) 456-3412

OPERATING STATUS

1. UNIT NAME:	PEACH BOTTOM UNIT 2
2. REPORTING PERIOD:	DECEMBER, 1998
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	7,980.1	147,587.2
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. REACTOR GENERATOR ON-LINE	744.0	7,923.6	143,363.8
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	822,512	7,655,474	137,692,272

UNIT SHUTDOWNS

DOCKET NO. 50 - 277
 UNIT NAME PEACH BOTTOM UNIT 2
 DATE JANUARY 6, 1999
 COMPLETED BY PECO ENERGY COMPANY
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 PLANT ENGINEERING
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 TELEPHONE (717) 456-3412

REPORT MONTH DECEMBER, 1998

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)

Peach Bottom Atomic Power Station
Unit 3
December 1 through December 31, 1998

1. Narrative Summary of Operating Experiences

Unit 3 began the month of December at 69% power, starting up from an outage to repair an instrument nitrogen supply line.

The unit returned to 100% power at 17:00 on December 1.

The unit reduced power to 15% starting at 23:00 on December 2 to repair main turbine lube oil booster pump valves.

The generator was removed from the grid at 08:29 on December 3.

The generator was synchronized to the grid at 05:49 on December 8.

The unit returned to 100% power at 03:00 on December 11.

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

UNIT 3 REFUELING INFORMATION

1. Name of facility:

Peach Bottom Unit 3

2. Scheduled date for next refueling shutdown:

Reload 12 scheduled for October 1, 1999

3. Scheduled date for restart following refueling

Restart following refueling scheduled for November 1, 1999

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. Recirculating Pump Trip Modification to be installed during 3R12.
2. Power Range Monitor Modification to be implemented during 3R12.

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

1. Recirculating Pump Trip has been submitted, and was approved for implementation.
2. Power Range Monitor is scheduled to be submitted in March, 1999.

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) Preliminary reload will include 276 GE-13 bundles.

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 - 2777 Fuel Assemblies, 16 Fuel Rods (292 new 3R11 bundles)
(one of the 2777 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

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 DATE JANUARY 6, 1999
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 D. M. KILGORE
 PLANT ENGINEERING
 ENGINEERING DIVISION
 PEACH BOTTOM ATOMIC POWER STATION
 TELEPHONE (717) 456-3412

OPERATING STATUS

1. UNIT NAME: _____	PEACH BOTTOM UNIT 3
2. REPORTING PERIOD: _____	DECEMBER, 1998
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	8,355.1	146,308.9
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	626.7	8,172.8	142,517.0
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	676,767	8,823,626	135,828,748

UNIT SHUTDOWNS

DOCKET NO. 50 - 278
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REPORT MONTH DECEMBER, 1998

NO.	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
01	981203	F	117.3	A	4	REACTOR POWER WAS REDUCED TO 15% AND THE GENERATOR WAS TAKEN OFF LINE DUE TO FAILURE OF THE MAIN TURBINE LUBE OIL BOOSTER PUMP BAFFLER VALVE.
TOTAL HOURS			117.3			

(1)
 F - FORCED
 S - SCHEDULED

(2)
 REASON
 A - EQUIPMENT FAILURE (EXPLAIN)
 B - MAINTENANCE OR TEST
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(3)
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 1 - MANUAL
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