



PECO NUCLEAR

A Unit of PECO Energy

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

October 1, 1998


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 September 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/OL/RAM/JC:dmk

Enclosures

- cc: N.J. Sroul, Public Service Electric & Gas
- R. R. Jenati, Commonwealth of Pennsylvania
- R.I. McLean, State of Maryland
- H. J. Miller, Administrator, Region I, USNRC
- A.C. McMurtay, 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)

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Peach Bottom Atomic Power Station
Unit 2
September 1 through September 30, 1998

1. Narrative Summary of Operating Experiences

Unit 2 began the month of September at 66% core thermal power, limited by end-of-cycle coastdown.

In preparation for the 2R12 refueling outage, the Unit went off-line on September 30 at 14:10. The Unit was shut down by manual scram on September 30 at 15:38.

Unit 2 ended the month of September shut down for the scheduled 2R12 refueling outage.

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 current refueling forecast for November 1, 1998.

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. Wide Range Neutron Monitoring Modification to be installed during 2R12.
 2. Cycle 13 Safety Limit MCPR Technical Specification change.
 3. Recirculating Pump Trip Modification to be installed during 2R12.
 4. Main Steam Relief Valve (MSRV) testing change.
5. Scheduled date(s) for submitting proposed licensing action and supporting information:
1. Wide Range Neutron Monitoring has been submitted.
 2. Cycle 13 MCPR has been submitted .
 3. Recirculating Pump Trip has been submitted.
 4. MSRV T/S change has been submitted.
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. Reload will include 292 GE13 bundles.

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 OCTOBER 2, 1998
 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:	SEPTEMBER, 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	711.6	6,524.9	146,111.9
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	710.2	6,489.4	141,929.6
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	430,288	6,143,449	136,180,246

UNIT SHUTDOWNS

DOCKET NO. 50 - 277
 UNIT NAME PEACH BOTTOM UNIT 2
 DATE OCTOBER 2, 1998
 COMPLETED BY PECO ENERGY COMPANY
 D. M. KILGORE
 PLANT ENGINEERING
 ENGINEERING DIVISION
 PEACH BOTTOM ATOMIC POWER STATION
 TELEPHONE (717) 456-3412

REPORT MONTH SEPTEMBER, 1998

NO.	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
1	980930	S	9.8	C	2	REFUELING OUTAGE
	TOTAL HOURS		9.8			

(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
September 1 through September 30, 1998

1. Narrative Summary of Operating Experiences

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

The Unit reduced power to 74% starting on September 25 at 23:00 to perform reactor feedpump turbine testing. The Unit returned to 100% on September 26 at 15:00.

Unit 3 ended the month of September 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
5. Scheduled date(s) for submitting proposed licensing action and supporting information.
 1. Recirculating Pump Trip has been submitted.
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 292 new 3R11 bundles are GE 13 design new to Unit 3
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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 D. M. KILGORE
 PLANT ENGINEERING
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 PEACH BOTTOM ATOMIC POWER STATION
 TELEPHONE (717) 456-3412

OPERATING STATUS

1. UNIT NAME:	PEACH BOTTOM UNIT 3
2. REPORTING PERIOD:	SEPTEMBER, 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	720.0	6,170.5	144,124.4
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	720.0	6,119.0	140,463.2
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	787,462	6,614,477	133,619,599

UNIT SHUTDOWNS

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REPORT MONTH SEPTEMBER, 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
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 H - OTHER (EXPLAIN)

(3)
 METHOD
 1 - MANUAL
 2 - MANUAL SCRAM
 3 - AUTOMATIC SCRAM
 4 - OTHER (EXPLAIN)