

Exelon Nuclear
Peach Bottom Atomic Power Station
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May 4, 2004

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


Docket Nos. 50-277 and 50-278

Subject: Monthly Operating Report for April 2004

In accordance with Technical Specifications, Section 5.6.4, "Monthly Operating Reports," we are submitting this Monthly Operating Report for Peach Bottom Atomic Power Station, Units 2 and 3.

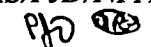
Should you have any questions concerning this letter, please contact Mr. Chester Lewis at (717) 456-3245.

Respectfully,

 for JAS

John A. Stone
Plant Manager
Peach Bottom Atomic Power Station

JAS/PJD/NPA/CSL:cmg

 CSL
Enclosures

cc:

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

CCN 04-14051

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I. INTRODUCTION

Peach Bottom Atomic Power Station is composed of two Boiling Water Reactors and Steam Turbine/Generators located in Delta, Pennsylvania. Unit Two and Unit Three both have a Maximum Dependable Capacity of 1112 MWe Net. The Station is jointly owned by Exelon Nuclear and Public Service Electric and Gas. The Nuclear Steam Supply Systems are General Electric Company Boiling Water Reactors. The Architect/Engineer and Primary Construction Contractor was Bechtel Corporation. The Susquehanna River is the condenser cooling water source. The plant is subject to license numbers DPR-44 and DPR-56, issued October 25, 1973, and July 2, 1974, for Unit Two and Unit Three respectively, pursuant to Docket Numbers 50-277 and 50-278. The dates of initial Reactor criticality for Units Two and Three were September 16, 1973, and August 7, 1974, respectively. Commercial generation of power began on February 18, 1974, for Unit Two, and September 1, 1974, for Unit Three.

II. SUMMARY OF OPERATING EXPERIENCE

A. Unit TWO

Unit 2 began the month of April at 100% of maximum allowable power (3496 MWth).

At 2300 on April 23rd, Unit 2 reduced power to 50%, for a planned summer readiness load drop, in which condenser waterboxes were cleaned, among other miscellaneous activities. The Unit returned to maximum allowable power by 2337 on April 24th.

At 2318 on April 26th, Unit 2 reduced power to 77%, for a planned follow-up rod pattern adjustment. The Unit returned to maximum allowable power by 1634 on April 27th.

Unit 2 ended the month of April at 100% of maximum allowable power (3496 MWth).

B. Unit THREE

Unit 3 began the month of April at 100% of maximum allowable power (3514 MWth).

Unit 3 operated at 100% of maximum allowable power for the entire month of April.

Unit 3 ended the month of April at 100% of maximum allowable power (3514 MWth).

III. OPERATING DATA STATISTICS

A. Peach Bottom Unit TWO Operating Data Report for April 2004

DOCKET NO.: 50-277
DATE: May 4, 2004
COMPLETED BY: Chip Lewis
TELEPHONE: (717) 456-3245

OPERATING STATUS

REPORTING PERIOD: April 2004
GROSS HOURS IN REPORTING PERIOD: 719
CURRENTLY AUTHORIZED POWER LEVEL (MWth): 3496
1. DESIGN ELECTRICAL RATING (MWe-Net): 1138
2. MAX. DEPENDABLE CAPACITY (MWe-Net): 1112

UNIT 2 OPERATING STATUS

<u>PARAMETER</u>	<u>THIS MONTH</u>	<u>YTD</u>	<u>CUMULATIVE</u>
3. NUMBER OF HOURS THE REACTOR WAS CRITICAL	719.0	2846.1	192,612.5
4. HOURS GENERATOR ON-LINE	719.0	2825.8	188,140.9
5. UNIT RESERVE SHUTDOWN HOURS	0	0	0
6. NET ELECTRICAL ENERGY GENERATED	811,844.4	3,193,591.6	186,345,129.7

III. OPERATING DATA STATISTICS

B. Peach Bottom Unit THREE Operating Data Report for April 2004

DOCKET NO.: 50-278
DATE: May 4, 2004
COMPLETED BY: Chip Lewis
TELEPHONE: (717) 456-3245

OPERATING STATUS

REPORTING PERIOD: April 2004
GROSS HOURS IN REPORTING PERIOD: 719
CURRENTLY AUTHORIZED POWER LEVEL (MWth): 3514
1. DESIGN ELECTRICAL RATING (MWe-Net): 1138
2. MAX. DEPENDABLE CAPACITY (MWe-Net): 1112

UNIT 3 OPERATING STATUS

	<u>PARAMETER</u>	<u>THIS MONTH</u>	<u>YTD</u>	<u>CUMULATIVE</u>
3.	NUMBER OF HOURS THE REACTOR WAS CRITICAL	719.0	2903.0	191,173.4
4.	HOURS GENERATOR ON-LINE	719.0	2903.0	187,228.0
5.	UNIT RESERVE SHUTDOWN HOURS	0	0	0
6.	NET ELECTRICAL ENERGY GENERATED	823,250.4	3,318,331.6	184,372,096.7

IV. OPERATING DATA STATISTICS

A. Unit TWO Shutdowns for April 2004

No. for <u>Year</u>	<u>Date</u>	Type (1)	Duration (Hours)	Reason (2)	Method of Shutting Down (3)	<u>Corrective Actions/Comments</u>
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No Unit TWO shutdowns for April 2004

B. Unit THREE Shutdowns for April 2004

No. for <u>Year</u>	<u>Date</u>	Type (1)	Duration (Hours)	Reason (2)	Method of Shutting Down (3)	<u>Corrective Actions/Comments</u>
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No Unit THREE shutdowns for April 2004

Legend

(1) Type:

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 of Shutting Down:

1. – Manual
2. – Manual Trip/Scram
3. – Automatic Trip/Scram
4. – Continuation
5. – Other (Explain)