

Exelon Nuclear  
Peach Bottom Atomic Power Station  
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August 2, 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 July 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,



Joseph P. Grimes  
Plant Manager  
Peach Bottom Atomic Power Station

JPG/PJD/NPA/CSL:cmg

 CSL  
Enclosures

cc:

S. Collins, Administrator, Region I, USNRC  
C. Smith, USNRC, Senior Resident Inspector, PBAPS  
G. F. Wunder, Project Manager, USNRC

CCN: 04-14068

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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 July at 100% of maximum allowable power (3496 MWth).

At 2309 on July 10<sup>th</sup>, Unit 2 reduced power to 67%, for planned MSIV testing and inspections. The Unit returned to maximum allowable power by 2307 on July 11<sup>th</sup>.

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

### **B. Unit THREE**

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

Unit 3 remained at 100% of maximum allowable power (3514 MWth) for the entire month of July.

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

### III. OPERATING DATA STATISTICS

#### A. Peach Bottom Unit TWO Operating Data Report for July 2004

DOCKET NO.: 50-277  
DATE: August 2, 2004  
COMPLETED BY: Chip Lewis  
TELEPHONE: (717) 456-3245

#### OPERATING STATUS

REPORTING PERIOD:	July 2004
GROSS HOURS IN REPORTING PERIOD:	744
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>THIS MONTH</u>	<u>YTD</u>	<u>CUMULATIVE</u>
3. NUMBER OF HOURS THE REACTOR WAS CRITICAL	744.0	5,054.1	194,820.5
4. HOURS GENERATOR ON-LINE	744.0	5,033.8	190,348.9
5. UNIT RESERVE SHUTDOWN HOURS	0	0	0
6. NET ELECTRICAL ENERGY GENERATED	825,330.5	5,666,655.6	188,818,193.7

### III. OPERATING DATA STATISTICS

#### B. Peach Bottom Unit THREE Operating Data Report for July 2004

DOCKET NO.: 50-278  
DATE: August 2, 2004  
COMPLETED BY: Chip Lewis  
TELEPHONE: (717) 456-3245

#### OPERATING STATUS

REPORTING PERIOD:	July 2004
GROSS HOURS IN REPORTING PERIOD:	744
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	744.0	5,111.0	193,381.4
4. HOURS GENERATOR ON-LINE	744.0	5,111.0	189,436.0
5. UNIT RESERVE SHUTDOWN HOURS	0	0	0
6. NET ELECTRICAL ENERGY GENERATED	839,581.5	5,808,943.6	186,862,708.7

#### IV. OPERATING DATA STATISTICS

##### A. Unit TWO Shutdowns for July 2004

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

##### B. Unit THREE Shutdowns for July 2004

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