

Exelon Nuclear
Peach Bottom Atomic Power Station
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February 5, 2004

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

Docket Nos. 50-277 and 50-278

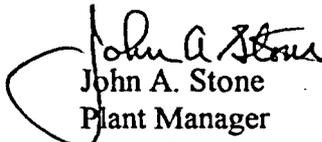
Subject: Monthly Operating Report for January 2004

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.

Additionally Peach Bottom has implemented the relaxation designated in NRC Generic Letter 97-02, "Revised Contents of the Monthly Operating Report," which allowed a reduction in information that was being submitted in the Monthly Operating Report. These changes are and will be reflected in this and future reports.

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

Respectfully,


John A. Stone
Plant Manager
Peach Bottom Atomic Power Station

JAS/GLS/PRR/CSL:cmg

JAS GLS PRR CSL
Enclosures

cc:

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

ccn 04-14010

IEDY

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

At 0051 on January 17th, Unit 2 reduced power to 79%, due to an accumulation of ice at the outer intake structure. The Unit returned to maximum allowable CTP (3496 MWth) by 1220 on January 17th.

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

B. Unit THREE

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

At 2102 on January 11th, Unit 3 reduced load by 5 MWe, due to problems with the 3D Monicore computer. Following resolution of the problems, the Unit returned to full power by 2300 on January 11th.

At 0051 on January 17th, Unit 3 reduced power to 85%, due to an accumulation of ice at the outer intake structure. The Unit returned to 100% power by 0922 on January 17th.

At 2352 on January 29th, Unit 3 reduced power to 89% for planned testing of the turbine stop valves. The Unit returned to full power by 0407 on January 30th.

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

III. OPERATING DATA STATISTICS

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

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

OPERATING STATUS

REPORTING PERIOD:	January 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>PARAMETER</u>	<u>THIS MONTH</u>	<u>YTD</u>	<u>CUMULATIVE</u>
3. NUMBER OF HOURS THE REACTOR WAS CRITICAL	744	744	190,510.5
4. HOURS GENERATOR ON-LINE	744	744	186,057.9
5. UNIT RESERVE SHUTDOWN HOURS	0	0	0
6. NET ELECTRICAL ENERGY GENERATED	851,218.5	851,218.5	184,002,756.6

III. OPERATING DATA STATISTICS

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

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

OPERATING STATUS

REPORTING PERIOD:	January 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 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	744	189,014.4
4. HOURS GENERATOR ON-LINE	744	744	185,069.0
5. UNIT RESERVE SHUTDOWN HOURS	0	0	0
6. NET ELECTRICAL ENERGY GENERATED	852,575.5	852,575.5	181,906,340.6

IV. OPERATING DATA STATISTICS

A. Unit TWO Shutdowns for January 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 January 2004

B. Unit THREE Shutdowns for January 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 January 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)