

OPERATING DATA REPORT

DOCKET NO. 50 - 277

DATE DECEMBER 15, 1983

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

W.M. ALDEN
ENGINEER-IN-CHARGE
LICENSING SECTION
GENERATION DIVISION-NUCLEAR
TELEPHONE (215) 841-5022

OPERATING STATUS

1. UNIT NAME: PEACH BOTTOM UNIT 2
2. REPORTING PERIOD: NOVEMBER, 1983
3. LICENSED THERMAL POWER (MWT): 3293
4. NAMEPLATE RATING (GROSS MWE): 1152
5. DESIGN ELECTRICAL RATING (NET MWE): 1065
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 1098
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 1051

NOTES: UNIT 2 CONTINUED FORCED
IGSCC PIPE INSPECTION AND
REPAIR OUTAGE.

8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE):

10. REASONS FOR RESTRICTIONS, IF ANY:

8312200075 831130
PDR ADOCK 05000277
R PDR

	THIS MONTH	YR-TO-DATE	CUMULATIVE
1. HOURS IN REPORTING PERIOD	720	8,016	82,464
2. NUMBER OF HOURS REACTOR WAS CRITICAL	0	3,918.1	59,007.8
3. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
4. HOURS GENERATOR ON-LINE	0.0	3,834.8	57,363.7
5. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
6. GROSS THERMAL ENERGY GENERATED (MWH)	0	12,187,155	168,696,127
7. GROSS ELECTRICAL ENERGY GENERATED (MWH)	0	4,029,130	55,549,640
8. NET ELECTRICAL ENERGY GENERATED (MWH)	* -6,575	3,850,229	53,235,378
9. UNIT SERVICE FACTOR	0.0	47.8	69.6
10. UNIT AVAILABILITY FACTOR	0.0	47.8	69.6
1. UNIT CAPACITY FACTOR (USING MDC NET)	0.0	45.7	61.4
2. UNIT CAPACITY FACTOR (USING DER NET)	0.0	45.1	60.6
3. UNIT FORCED OUTAGE RATE	100.0	50.8	12.8
4. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): REFUELING/MAINTENANCE OUTAGE BEGINNING 2/21/84 FOR 32 WEEKS.			

5. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 12/03/83

	FORECAST	ACHIEVED
6. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):		
INITIAL CRITICALITY	-----	-----
INITIAL ELECTRICITY	-----	-----
COMMERCIAL OPERATION	-----	-----

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OPERATING STATUS

1. UNIT NAME: PEACH BOTTOM UNIT 3
2. REPORTING PERIOD: NOVEMBER, 1983
3. LICENSED THERMAL POWER (MWT): 3293
4. NAMEPLATE RATING (GROSS MWE): 1152
5. DESIGN ELECTRICAL RATING (NET MWE): 1065
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 1098
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 1035

NOTES: UNIT 3 EXPERIENCED 1
SHUTDOWN FOR RELIEF VALVE
REPLACEMENT AND 3
SCHEDULED LOAD REDUCTIONS.

8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE):

10. REASONS FOR RESTRICTIONS, IF ANY:

	THIS MONTH	YR-TO-DATE	CUMULATIVE
1. HOURS IN REPORTING PERIOD	720	8,016	78,360
2. NUMBER OF HOURS REACTOR WAS CRITICAL	648.6	2,147.6	56,077.3
3. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
4. HOURS GENERATOR ON-LINE	611.0	2,001.4	54,602.2
5. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
6. GROSS THERMAL ENERGY GENERATED (MWH)	1,900,985	5,578,387	158,794,015
7. GROSS ELECTRICAL ENERGY GENERATED (MWH)	640,210	1,821,520	52,063,050
8. NET ELECTRICAL ENERGY GENERATED (MWH)	617,058	1,691,617	49,934,409
9. UNIT SERVICE FACTOR	84.9	25.0	69.7
10. UNIT AVAILABILITY FACTOR	84.9	25.0	69.7
11. UNIT CAPACITY FACTOR (USING MDC NET)	82.8	20.4	61.6
12. UNIT CAPACITY FACTOR (USING DER NET)	80.5	19.8	59.8
13. UNIT FORCED OUTAGE RATE	6.9	5.3	7.3

14. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):

15. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 10/19/85

UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):	FORECAST	ACHIEVED
INITIAL CRITICALITY	-----	-----
INITIAL ELECTRICITY	-----	-----
COMMERCIAL OPERATION	-----	-----

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 277

UNIT PEACH BOTTOM UNIT 2

DATE DECEMBER 15, 1983

COMPANY PHILADELPHIA ELECTRIC COMPANY

W.M.ALDEN

ENGINEER-IN-CHARGE

LICENSING SECTION

GENERATION DIVISION-NUCLEAR

TELEPHONE (215) 841-5022

MONTH NOVEMBER 1983

DAY AVERAGE DAILY POWER LEVEL
(MWE-NET)

1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0

DAY AVERAGE DAILY POWER LEVEL
(MWE-NET)

17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 278

UNIT PEACH BOTTOM UNIT 3

DATE DECEMBER 15, 1983

COMPANY PHILADELPHIA ELECTRIC COMPANY

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LICENSING SECTION
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TELEPHONE (215) 841-5022

MONTH NOVEMBER 1983

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	950	17	938
2	887	18	0
3	1064	19	0
4	1061	20	0
5	1056	21	0
6	1056	22	250
7	1055	23	924
8	1054	24	873
9	1053	25	987
10	1054	26	1065
11	1052	27	1073
12	836	28	1072
13	1028	29	1074
14	1073	30	1074
15	1071		
16	1076		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 277

UNIT NAME PEACH BOTTOM UNIT 2

DATE DECEMBER 15, 1983

REPORT MONTH NOVEMBER, 1983

COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

W.M. ALDEN
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GENERATION DIVISION-NUCLEAR
TELEPHONE (215) 841-5022

NO.	DATE	TYPE (1)	DURATION (HOURS) (2)	REASON (3)	METHOD OF SHUTTING DOWN REACTOR (4)	LICENSEE EVENT REPORT # (5)	SYSTEM CODE (6)	COMPONENT CODE (7)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
18	831101	F	720.0	B	?	NA	CF	PIPEXX	CONTINUATION OF BULLETIN 83-02 IGSCC PIPE INSPECTION AND REPAIR IMPLEMENTATION.
			720.0						

(1)

P - 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)

(4)

EXHIBIT G - INSTRUCTIONS
FOR PREPARATION OF DATA
ENTRY SHEETS FOR LICENSEE
EVENT REPORT (LER)
FILE (NUREG-0161)

(5)

EXHIBIT I - SAME SOURCE

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 278

UNIT NAME PEACH BOTTOM UNIT 3

DATE DECEMBER 15, 1983

REPORT MONTH NOVEMBER, 1983

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ENGINEER-IN-CHARGE
LICENSING SECTION
GENERATION DIVISION-NUCLEAR
TELEPHONE (215) 841-5022

NO.	DATE	TYPE (1)	DURATION (HOURS) (2)	REASON (3)	METHOD OF SHUTTING DOWN REACTOR (4)	LICENSEE EVENT REPORT #	SYSTEM CODE (5)	COMPONENT CODE (6)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
11	831101	S	000.0	H	4	NA	RC	ZZZZZZ	ROD PATTERN ADJUSTMENT.
12	831111	S	000.0	H	4	NA	RC	ZZZZZZ	ROD PATTERN ADJUSTMENT.
13	831117	S	064.0	B	2	NA	CC	VALVEX	REPLACEMENT OF 71E RELIEF VALVE.
13	831117	P	045.0	B	2	NA	CC	VALVEX	REPLACEMENT OF 71E RELIEF VALVE.
14	831124	S	000.0	H	4	NA	RC	ZZZZZZ	ROD PATTERN ADJUSTMENT.
			109.0						

(1)

(2)

(3)

(4)

P - FORCED
S - SCHEDULED

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)

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

EXHIBIT G - INSTRUCTIONS
FOR PREPARATION OF DATA
ENTRY SHEETS FOR LICENSEE
EVENT REPORT (LER)
FILE (NUREG-0161)

(5)

EXHIBIT I - SAME SOURCE

REFUELING INFORMATION

1. Name of facility:

Peach Bottom Unit 2

2. Scheduled date for next refueling shutdown:

February 20, 1984

3. Scheduled date for restart following refueling:

October 1, 1984

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?

Technical Specifications to accommodate reload fuel.
Modifications to reactor core operating limits.
Technical specification changes associated with snubber reduction program.

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

July 2, 1984 for reload fuel; prior to December 21, 1984 for snubber reduction program.

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:

None expected.

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 - 1170 Fuel Assemblies, 58 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 2816 fuel assemblies.

9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity.

September, 1990 (March, 1986, with reserve full core discharge)

REFUELING INFORMATION

1. Name of facility:

Peach Bottom Unit 3

2. Scheduled date for next refueling shutdown:

March 30, 1985.

3. Scheduled date for restart following refueling:

September 21, 1985.

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?

Technical Specifications to accommodate reload fuel.
Modifications to reactor core operating limits.
Technical specification changes associated with snubber reduction program.

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

June 21, 1985 for reload fuel; No later than January 2, 1985 for snubber reduction program.

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, now operating procedures:

None expected.

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 - 1212 Fuel Assemblies, 6 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 2816 fuel assemblies.

9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity.

September, 1991 (March, 1987, with reserve for fuel core discharge)

PEACH BOTTOM ATOMIC POWER STATION
NARRATIVE SUMMARY OF OPERATING EXPERIENCES
November, 1983

Unit 2

Unit 2 remained shutdown for the entire month of November for inspection of primary system piping welds and the application of weld repairs on the reactor recirculation system and shutdown cooling system.

On November 2, the E-1 diesel generator was out-of-service for repair of an oil leak. On November 15, an unusual event was declared when a ventilation stack radioactive release of 3% of Tech Specs occurred. The release occurred as a result of fuel pin puncturing work by General Electric in the fuel pool. A previous occurrence on Unit 3 had resulted in a change to the procedures which resulted in some reduction in the release. All such work has been halted until a significantly better method can be found. On November 25, Unit 2 Reactor Hydrostatic Testing was performed.

The unit ended the report period with final preparations for startup. NRC authorization for plant restart was issued on November 30th.

Unit 3

The unit began the month at full power. Reactor power was reduced to 770 MWe on November 1 for a control rod adjustment. The unit was returned to full power on November 3. On November 10, the 3C main steam line radiation monitor failed causing a half scram and a half Group I isolation; the radiation monitor was returned to service that same morning. Reactor power was reduced to 650 MWe on November 11 for a control rod adjustment. The unit was returned to full power on November 13. RCIC was taken out-of-service on November 14 to repair the turbine trip/throttle valve and returned to service three days later. On November 17, the unit was shut down for replacement of 71E main steam line relief valve due to acoustic leak indication. The valve was replaced and startup began on November 20. Reactor power was reduced to 600 MWe on November 24 for a control rod adjustment. The unit achieved full power on November 26.

PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

P.O. BOX 8699

PHILADELPHIA, PA. 19101

(215) 841-4000

December 15, 1983

Docket Nos. 50-277

50-278

Director
Office of Inspection & Enforcement
US Nuclear Regulatory Commission
Washington, DC 20555

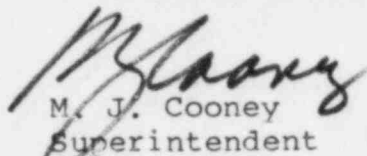
Attention: Document Control Desk

SUBJECT: Peach Bottom Atomic Power Station
Monthly Operating Report

Gentlemen:

Attached are twelve copies of the monthly operating report for Peach Bottom Units 2 and 3 for the month of November, 1983 forwarded pursuant to Technical Specification 6.9.1.C under the guidance of Regulatory Guide 10.1, Revision 4.

Very truly yours,



M. J. Cooney
Superintendent
Nuclear Generation Division

Attachment

cc: Dr. T. E. Murley, NRC
Mr. A. R. Blough, NRC Site Inspector
Mr. Stan P. Mangi, Dept. of Envir. Resources
Mr. P. A. Ross, NRC
INPO Records Center

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