OPERATING DATA REPORT

DOCKET NO. 50 - 277
DATE DECEMBER 10,1979
COMPLETED BY PHILADELPHIA ELECTRIC COMPANY
W.M.ALDEN
ENGINEER-IN-CHARGE
NUCLEAR SECTION
GENERATION DIVISION-NUCLEAR
TELEPHONE (215) 841-5022

OPERATING STATUS

1. UNIT NAME: PEACH BOTTOM UNIT 2
2. REPORTING PERIOD: NOVEMBER, 1979
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: THIS UNIT EXPERIENCED TWO MAJOR POWER REDUCTIONS AND NO OUTAGES THIS MONTH.

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
11. HOURS IN REPORTING PERIOD	720	8,016	47,400
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720	7,608	37,027
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	720.0	7,568.5	36,254.8
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,297,935	24,237,221	104,458,178
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	772,730	8,115,620	34,281,550
18. NET ELECTRICAL ENERGY GENERATED (MWH)	746,398	7,825,093	32,866,448
19. UNIT SERVICE FACTOR	100.0	94.4	76.5
20. UNIT AVAILABILITY FACTOR	100.0	94.4	76.5
21. UNIT CAPACITY FACTOR (USING MDC NET)	98.6	92.9	66.0
22. UNIT CAPACITY FACTOR (USING DER NET)	97.3	91.7	65.1
23. UNIT FORCED OUTAGE RATE	0.0	0.7	6.4

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
MAINTENANCE, 1/1/80, ONE WEEK
REFUELING, 3/21/80, ELEVEN WEEKS

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 6/ 6/80

26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):

	FORECAST	ACHIEVED
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

1581 306

7912140359

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 277
UNIT NAME PEACH BOTTOM UNIT 2
DATE DECEMBER 10,1979
COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

REPORT MONTH NOVEMBER, 1979

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

NO.	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	LICENSEE EVENT REPORT #	SYSTEM CODE (4)	COMPONENT CODE (5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
11	791103	S	0.0	H	4	NONE	RC	ZZZZZZ	LOAD DROP FOR ROD PATTERN ADJUSTMENT
12	791122	S	0.0	H	4	NONE	RC	ZZZZZZ	LOAD DROP FOR SEQUENCE EXCHANGE
			-						

(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)

(4)

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

(5)

EXHIBIT I - SAME SOURCE

1581 307

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 277
UNIT PEACH BOTTOM UNIT 2
DATE DECEMBER 10,1979
COMPANY PHILADELPHIA ELECTRIC COMPANY

W.M.ALDEN
ENGINEER-IN-CHARGE
NUCLEAR SECTION
GENERATION DIVISION-NUCLEAR

TELEPHONE (215) 841-5022

MONTH NOVEMBER 1979

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1063	17	1072
2	1032	18	1074
3	740	19	1074
4	1001	20	1073
5	1062	21	1042
6	1065	22	663
7	1068	23	956
8	1069	24	1067
9	1071	25	1064
10	1071	26	1066
11	1070	27	1064
12	1067	28	1070
13	1070	29	1070
14	1071	30	1072
15	1075		
16	1075		

OPERATING DATA REPORT

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TELEPHONE (215) 841-5022

OPERATING STATUS

1. UNIT NAME: PEACH BOTTOM UNIT 3
2. REPORTING PERIOD: NOVEMBER, 1979
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 REFUELING OUTAGE COMPLETED. UNIT EXPERIENCED TWO MAJOR POWER REDUCTIONS AND ONE OUTAGE THIS MONTH.

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
11. HOURS IN REPORTING PERIOD	720	8,016	43,296
12. NUMBER OF HOURS REACTOR WAS CRITICAL	562	6,120	34,230
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	521.0	5,913.3	33,343.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,236,103	17,565,920	92,440,056
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	404,200	5,762,360	29,990,470
18. NET ELECTRICAL ENERGY GENERATED (MWH)	387,634	5,525,805	28,768,948
19. UNIT SERVICE FACTOR	72.4	73.8	77.0
20. UNIT AVAILABILITY FACTOR	72.4	73.8	77.0
21. UNIT CAPACITY FACTOR (USING MDC NET)	52.0	66.6	64.2
22. UNIT CAPACITY FACTOR (USING DER NET)	50.6	64.7	62.4
23. UNIT FORCED OUTAGE RATE	10.8	3.6	6.9

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

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 5/23/81

26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):

	FORECAST	ACHIEVED
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 278
UNIT NAME PEACH BOTTOM UNIT 3
DATE DECEMBER 10,1979
COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

REPORT MONTH NOVEMBER, 1979

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

NO.	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	LICENSEE EVENT REPORT #	SYSTEM CODE (4)	COMPONENT CODE (5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
16	791101	S	135.9	C	4	NONE	RC	ZZZZZZ	CONTINUATION OF REFUELING OUTAGE
17	791111	F	63.1	A	3	NONE	HB	TURBIN	WHILE DOING LOCKOUT VALVE TURBINE TRIP TESTING, TURBINE STOP VALVE WENT >10% CLOSED (MOMENTARILY) CAUSING A REACTOR SCRAM
18	791117	S	0.0	H	4	NONE	RC	ZZZZZZ	LOAD DROP FOR ROD ADJUSTMENT
19	791120	F	0.0	A	1	NONE	CD	VALVOP	MSIV'S WERE DECLARED INOPERATIVE IN 'A' STEAM LINE AND CLOSED DUE TO NOT MEETING TECH SPEC CLOSURE TIME.
			199.0						

(1)

F - FORCED
S - SCHEDULED

(2)

REASON
A - EQUIPMENT FAILURE (EXPLAIN)
B - MAINTENANCE OR TEST
C - REFUELING
D - REGULATORY RESTRICTION
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H - OTHER(EXPLAIN)

(3)

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

(5)

EXHIBIT I - SAME SOURCE

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 278
UNIT PEACH BOTTOM UNIT 3
DATE DECEMBER 10,1979
COMPANY PHILADELPHIA ELECTRIC COMPANY

W.M.ALDEN
ENGINEER-IN-CHARGE
NUCLEAR SECTION
GENERATION DIVISION-NUCLEAR

TELEPHONE (215) 841-5022

MONTH NOVEMBER 1979

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	0	17	785
2	0	18	971
3	0	19	1081
4	0	20	986
5	0	21	808
6	27	22	817
7	249	23	811
8	331	24	804
9	605	25	805
10	553	26	804
11	440	27	800
12	0	28	802
13	0	29	803
14	313	30	803
15	810		
16	1028		

Docket No. 50-277

Attachment to
Monthly Operating Report
for November, 1979

REFUELING INFORMATION

1. Name of facility:
   Peach Bottom Unit 2

2. Scheduled date for next refueling shutdown:

   March 21, 1980

3. Scheduled date for restart following refueling:

   June 6, 1980

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 specification changes to accomodate reload fuel. Modifications to reactor core operating limits are expected.

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

   February 8, 1980

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:
   Initial utilization of General Electric pre-pressurized Fuel Assemblies for this Unit.

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 - 618 Irradiated Fuel Assemblies

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:
   Original installed capacity is 1110 fuel assemblies. An increase in capacity to 2816 fuel assemblies has been licensed, providing capacity for 1706 additional fuel assemblies. Plant modifications to be completed prior to next refueling.

9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity:
   September, 1990.

Docket No. 50-278

Attachment to
Monthly Operating Report
For November 1979

REFUELING INFORMATION

1. Name of facility:
   Peach Bottom Unit 3

2. Scheduled date for next refueling shutdown:

   March 7, 1981

3. Scheduled date for restart following refueling:

   May 23, 1981

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 specification changes to accomodate reload fuel. Modifications to reactor core operating limits are expected.

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

   January 23, 1981.

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 - 712 Irradiated Fuel Assemblies

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.

Docket Nos.
50-277
50-278

PEACH BOTTOM ATOMIC POWER STATION
NARRATIVE SUMMARY OF OPERATING EXPERIENCES
NOVEMBER 1979

UNIT 2

On November 2, a load reduction to approximately 700 MW_e was taken to accomodate a control rod pattern adjustment. The unit was returned to rated power via a fuel preconditioning ramp by November 4. On November 21, a load reduction was begun to accomodate a control rod sequence exchange. The unit was returned to rated power on November 24, via a preconditioning ramp. A 10MW_e loss of generating capacity was experienced between November 25 and 27, due to reactor water clean-up being in the dump mode as a result of pump unavailability.

UNIT 3

The refueling outage was completed and the reactor was made critical on November 5. Inspections and containment inerting were completed and the Unit was synchronized on November 6. Between November 9 and 10th power escallation was impeded due to reactor feedpump seal water filter problems. By November 11, the unit had reached 720 MW_e when a reactor scram occured due to testing on the turbine mechanical lock out valves. The unit was cooled down to make a containment entry to accomadate inspection and repair of suspected instrument nitrogen system leaks. The subsequent start-up was delayed 8 hours in order to accomodate up grading of the seismic qualifications of some RHR pump pipe hangers. The unit was returned to service on November 14, and reached rated power on November 16. On November 17 a load reduction to approximately 550 MW_e was taken to adjust the control rod pattern. The unit reached full power on November 19, via a fuel preconditioning ramp. On November 20, during Main Steam Isolation Valve testing at 75% power, it was determined that the closure time of one or both 'A' main steam line isolation valves could not satisfy Technical Specification requirements. Consequently, the valves were closed and the unit restricted to approximately 75% power until adjustments can be made.