DOCKET NO. 50 - 277

DATE NOVEMBER 10, 1982

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: OCTOBER, 1982
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 EXPERIENCED TWO SCHEDULED LOAD REDUCTIONS AND TWO FORCED SHUTDOWNS.

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	745	7,296	72,984
12. NUMBER OF HOURS REACTOR WAS CRITICAL	670.8	4,053.9	53,797.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	649.0	3,803.7	52,260.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,062,387	11,204,909	152,428,225
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	683,290	3,666,300	50,170,070
18. NET ELECTRICAL ENERGY GENERATED (MWH)	657,166	3,501,361	48,092,096
19. UNIT SERVICE FACTOR	87.1	52.1	71.6
20. UNIT AVAILABILITY FACTOR	87.1	52.1	71.6
21. UNIT CAPACITY FACTOR (USING MDC NET)	83.9	45.7	62.7
22. UNIT CAPACITY FACTOR (USING DER NET)	82.8	45.1	61.9
23. UNIT FORCED OUTAGE RATE	12.9	4.2	7.9

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:

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

	FORECAST	ACHIEVED
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

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PDR ADOCK 05000277
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OPERATING DATA REPORT

DOCKET NO. 50 - 278
DATE NOVEMBER 10, 1982
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W.M.ALDEN
ENGINEER-IN-CHARGE
NUCLEAR SECTION
GENERATION DIVISION-NUCLEAR
TELEPHONE (215) 841-5022

OPERATING STATUS

1. UNIT NAME: PEACH BOTTOM UNIT 3
2. REPORTING PERIOD: OCTOBER, 1982
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 ONE SCHEDULED LOAD REDUCTION.

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	745	7,296	68,880
12. NUMBER OF HOURS REACTOR WAS CRITICAL	745.0	6,978.3	52,465.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	745.0	6,910.0	51,136.8
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,357,239	22,072,533	148,764,055
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	789,170	7,383,410	48,772,330
18. NET ELECTRICAL ENERGY GENERATED (MWH)	759,108	7,127,378	46,837,851
19. UNIT SERVICE FACTOR	100.0	94.7	74.2
20. UNIT AVAILABILITY FACTOR	100.0	94.7	74.2
21. UNIT CAPACITY FACTOR (USING MDC NET)	98.4	94.4	65.7
22. UNIT CAPACITY FACTOR (USING DER NET)	95.7	91.7	63.8
23. UNIT FORCED OUTAGE RATE	0.0	5.3	7.6

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
SCHEDULED SHUTDOWN FOR REFUELING AND MAINTENANCE, STARTS 2/12/83, FOR EIGHT WEEK OUTAGE.

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

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 - 277
UNIT NAME PEACH BOTTOM UNIT 2
DATE NOVEMBER 10, 1982
COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

REPORT MONTH OCTOBER, 1982

W.M.ALDEN
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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	821022	S	00.0	H	4	NA	RC	ZZZZZZ	STARTED LOAD REDUCTION FOR THE ADJUSTMENT OF THE CONTROL ROD PATTERN.
12	821023	F	36.0	B	1	NA	CB	PUMPXX	CONTINUED TO SHUTDOWN AFTER A LOW OIL LEVEL ALARM WAS RECIEVED ON THE '2A' RECIRCULATION PUMP.
12	821024	F	60.0	A	3	NA	CC	VALVEX	CONTINUATION OF THE OUTAGE SINCE DURING THE RETURN TO SERVICE (AT APPROX. 800 PSI), THE 'J' MAIN STEAM LINE RELIEF VALVE OPENED CAUSING A REACTOR SCRAM ON LOW LEVEL.
13	821029	S	00.0	H	4	NA	RC	ZZZZZZ	LOAD REDUCTION FOR THE ADJUSTMENT OF THE CONTROL ROD PATTERN.
			96.0						

(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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 278
UNIT NAME PEACH BOTTOM UNIT 3
DATE NOVEMBER 10, 1982
COMPLETED BY PHILADELPHIA ELECTRIC COMPANY

REPORT MONTH OCTOBER, 1982

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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	821015	S	00.0	H	4	NA	RC	ZZZZZZ	LOAD REDUCTION FOR THE ADJUSTMENT OF THE CONTROL ROD PATTERN.
			-						

(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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 277
UNIT PEACH BOTTOM UNIT 2
DATE NOVEMBER 10, 1982
COMPANY PHILADELPHIA ELECTRIC COMPANY

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MONTH OCTOBER 1982

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1049	17	1050
2	1051	18	1052
3	1052	19	1051
4	1052	20	1049
5	1048	21	1052
6	1050	22	1051
7	1054	23	50
8	1055	24	0
9	1051	25	0
10	1049	26	0
11	1049	27	512
12	1052	28	968
13	1051	29	988
14	1051	30	738
15	1052	31	998
16	1051		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 278
UNIT PEACH BOTTOM UNIT 3
DATE NOVEMBER 10, 1982
COMPANY PHILADELPHIA ELECTRIC COMPANY

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MONTH OCTOBER 1982

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	1041	17	997
2	1038	18	1047
3	1036	19	1048
4	1033	20	1048
5	1028	21	1048
6	1027	22	1047
7	1027	23	1045
8	1025	24	1037
9	1018	25	1038
10	1016	26	1032
11	1017	27	1029
12	1014	28	1027
13	1010	29	1024
14	1006	30	1019
15	1010	31	1016
16	738		

PEACH BOTTOM ATOMIC POWER STATION
Narrative Summary of Operating Experiences
October 1982

UNIT 2

The unit began the month at full power. On October 22, during a power reduction for a control rod pattern adjustment, the "A" recirculation pump was manually tripped due to a low oil level alarm. A unit shutdown was completed with the generator being removed from service at 3:12 a.m. on October 23. An entry into the drywell was made and oil was added to the pump motor lower bearing. Control rod withdrawal commenced at 6:35 a.m. on October 24 and continued until 3:07 p.m. on October 24 when, with the reactor at 832 psig, the "J" main steam relief valve opened. A reactor SCRAM occurred when the reactor vessel level dropped to 0 inches. The HPCI System was manually started before its automatic start level of -40 inches was reached, in order to promptly recover water level. An Unusual Event was declared because of the unplanned shutdown. The Unusual Event was terminated at 5:40 p.m. on October 24. The "J" main steam relief valve was replaced and an inspection of its discharge piping in the drywell and torus was mad . No structural damage was found. A reactor startup was begun and inerting of primary containment began after a drywell inspection at approximately 500 psig reactor pressure. A 10 hour extension had been granted by the NRC for the 90 hour limit for opening of the primary containment ventialation valves with the reactor pressure above 105 psig to accommodate this inspection. The Unit was returned to service on October 27 and reached full load at 3:00 p.m. on October 31.

UNIT 3

The unit began the month at full power. On October 15 reactor power was reduced for a control rod pattern adjustment and returned to full power on October 17. On October 20 the HPCI was removed from service for 16 hours to repair a steam leak on the HPCI steam supply line drain valve. Following repairs, the HPCI system was tested and returned to service. The unit ended the month at full power.

Docket No. 50-277
Attachment to
Monthly Operating
Report for October, 1982

REFUELING INFORMATION

1. Name of facility:

   Peach Bottom Unit 2

2. Scheduled date for next refueling shutdown:

   October 15, 1983

3. Scheduled date for restart following refueling:

   December 10, 1983

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 are expected.

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

   September 10, 1983

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

Attachment to
Monthly Operating
Report for October, 1982

REFUELING INFORMATION

1. Name of facility:

   Peach Bottom Unit 3

2. Scheduled date for next refueling shutdown:

   February 12, 1983

3. Scheduled date for restart following refueling:

   April 8, 1983

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 are expected.

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

   December 24, 1982

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 - 928 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