OPERATING DATA REPORT

DOCKET NO. 50-317
DATE 1/14/83
COMPLETED BY Elaine Lotito
TELEPHONE (301) 787-5363

OPERATING STATUS

1. Unit Name: Calvert Cliffs #1
2. Reporting Period: December 1982
3. Licensed Thermal Power (MWt): 2,700
4. Nameplate Rating (Gross MWe): 918
5. Design Electrical Rating (Net MWe): 845
6. Maximum Dependable Capacity (Gross MWe): 860
7. Maximum Dependable Capacity (Net MWe): 825
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

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	744.0	8,760.0	67,069.0
12. Number Of Hours Reactor Was Critical	733.9	6,496.2	53,095.9
13. Reactor Reserve Shutdown Hours	0.0	15.1	1,808.5
14. Hours Generator On-Line	720.2	6,422.2	52,023.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,887,348	16,750,568	126,670,046
17. Gross Electrical Energy Generated (MWH)	644,020	6,006,946	42,000,943
18. Net Electrical Energy Generated (MWH)	617,437	5,362,175	39,664,208
19. Unit Service Factor	96.8	73.3	77.6
20. Unit Availability Factor	96.8	73.3	77.6
21. Unit Capacity Factor (Using MDC Net)	100.6	74.2	72.9
22. Unit Capacity Factor (Using DER Net)	98.2	72.4	70.0
23. Unit Forced Outage Rate	3.2	5.2	8.4

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

25. If Shut Down 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		

OPERATING DATA REPORT

DOCKET NO. 50-318
DATE 1/14/83
COMPLETED BY Elaine Lotito
TELEPHONE (301) 787-5363

OPERATING STATUS

1. Unit Name: Calvert Cliffs #2
2. Reporting Period: December 1982
3. Licensed Thermal Power (MWt): 2,700
4. Nameplate Rating (Gross MWe): 911
5. Design Electrical Rating (Net MWe): 845
6. Maximum Dependable Capacity (Gross MWe): 860
7. Maximum Dependable Capacity (Net MWe): 825
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

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	744.0	8,760.0	50,424.0
12. Number Of Hours Reactor Was Critical	0.0	6,532.9	42,100.9
13. Reactor Reserve Shutdown Hours	0.0	81.0	795.2
14. Hours Generator On-Line	0.0	6,498.5	41,542.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	0	16,176,201	102,220,757
17. Gross Electrical Energy Generated (MWH)	0	5,240,801	33,656,204
18. Net Electrical Energy Generated (MWH)	0	5,004,951	32,090,762
19. Unit Service Factor	0.0	74.2	82.4
20. Unit Availability Factor	0.0	74.2	82.4
21. Unit Capacity Factor (Using MDC Net)	0.0	69.3	77.8
22. Unit Capacity Factor (Using DER Net)	0.0	67.6	75.3
23. Unit Forced Outage Rate	0.0	6.0	5.5

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
No. 2 Plant will be on a planned outage from 10/17/82 until 2/14/83 for refueling, unit general inspection and retube the condenser.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: 2/14/83
26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-317
UNIT Calvert Cliffs #1
DATE 1/14/83
COMPLETED BY Elaine Lotito
TELEPHONE (301) 787-5363

MONTH December 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	840	17	876
2	871	18	877
3	863	19	873
4	838	20	876
5	875	21	876
6	869	22	876
7	877	23	875
8	523	24	876
9	611	25	861
10	858	26	854
11	872	27	860
12	875	28	861
13	875	29	258
14	876	30	874
15	876	31	877
16	877		

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-318
UNIT Calvert Cliffs #2
DATE 1/14/83
COMPLETED BY Elaine Lotito
TELEPHONE (301) 787-5363

MONTH December 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1		17	
2		18	
3		19	
4		20	
5		21	
6		22	
7		23	
8		24	
9		25	
10		26	
11		27	
12		28	
13		29	
14		30	
15		31	
16			

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December, 1982

DOCKET NO. 50-317
UNIT NAME Calvert Cliffs #1
DATE 1/14/83
COMPLETED BY Elaine Lotito
TELEPHONE (301) 787-5363

No.	Date	Type[1]	Duration (Hours)	Reason[2]	Method of Shutting Down Reactor[3]	Licensee Event Report #	System Code[4]	Component Code[5]	Cause & Corrective Action to Prevent Recurrence
82-09	821208	F	12.8	A	3		RB	CONROD	Low voltage to control rods.
82-10	821229	F	11.0	A	1		XX	MOTORX	Low oil level on No. 12B Reactor coolant pump motor.

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-Continuation
5-Load Reduction
9-Other

4
Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

5
Exhibit I - Same Source

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December, 1982

DOCKET NO. 50-318
UNIT NAME Calvert Cliffs #2
DATE 1/14/83
COMPLETED BY Elaine Lotito
TELEPHONE (301) 787-5363

No.	Date	Type[1]	Duration (Hours)	Reason[2]	Method of Shutting Down Reactor[3]	Licensee Event Report #	System Code[4]	Component Code[5]	Cause & Corrective Action to Prevent Recurrence
82-09	821016	S	744.0	C	4		XX	FUEL XX	Refueling, unit general inspection and retube condenser.

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-Continuation
5-Load Reduction
9-Other

4
Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

5
Exhibit 1 - Same Source

(9/77)

January 10, 1983

REFUELING INFORMATION REQUEST

1. Name of Facility: Calvert Cliffs Nuclear Power Plant, Unit No. 1

2. Scheduled date for next Refueling Shutdown: October 1, 1983

3. Scheduled date for restart following refueling: December 11,1983

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

   Resumption of operation after refueling will require changes to Technical Specifications. The changes will be such as to allow operation of the plant with a fresh reload batch and reshuffled core.

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

   June 29, 1983

6. Important licensing considerations associated with the refueling.

   Reload fuel will be similar to that reload fuel inserted into the previous cycle.

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool.

   (a) 217 (b) 732

   Spent Fuel Pools are common to Units 1 and 2

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.

   1830 Licensed
   1358 Currently Installed

9. The projected date of the last refueling that can be discharged to the Spent Fuel Pool assuming the present licensed capacity and maintaining space for one full core off load.

   April, 1991

January 10, 1983

REFUELING INFORMATION REQUEST

1. Name of Facility: Calvert Cliffs Nuclear Power Plant, Unit No. 2.

2. Scheduled date for next refueling shutdown: October 15, 1982.

3. Scheduled date for restart following refueling: January 12, 1983.

4. Will refueling or resumption of operation thereafter require a technical specification change or other licensed amendment?

   Resumption of operation after refueling will require changes to Technical Specifications. The changes will be such as to allow operation of the plant with a fresh reload batch and reshuffled core.

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

   October 11, 1982

6. Important licensing considerations associated with refueling.

   Reload fuel will be similar to that reload fuel inserted in the previous cycle.

7. The number of fuel assemblies (a) in the core and (b) in the Spent Fuel Storage Pool.

   (a) 217 (b) 732*

   Spent Fuel Pool is common to Units 1 and 2.

8. The present licensed spent fuel pool storage capacity and the size of any increase in licensed storage capacity that has been required or is planned, in number of fuel assemblies.

   1830 Licensed
   1358 Currently Installed

9. The projected date of the last refueling that can be discharged to the Spent Fuel Pool assuming the present licensed capacity and maintaining space for one full core off load.

   April, 1991

SUMMARY OF UNIT 1 OPERATING EXPERIENCE

DECEMBER 1982

12/1 At the beginning of this reporting period Unit 1 was operating at 850 MWe with the reactor at 91.5% power while investigating saltwater leakage into the main condenser. Load was increased to 910 MWe at 0215 when indications of saltwater leakage disappeared. At 0830 load was reduced to 810 MWe to investigate saltwater leakage into the main condenser. Load was increased to 910 MWe at 1345 when indications of saltwater leakage disappeared. At 1900 load was reduced to 835 MWe to investigate saltwater leakage into the main condenser. Load was increased to 910 MWe at 2300 when indications of saltwater leakage disappeared.

12/2 At 2045 load was reduced to 870 MWe to investigate saltwater leakage into the main condenser.

12/3 Load was reduced to 840 MWe at 0240 for further investigation of saltwater leakage into the main condenser. Load was increased to 910 MWe at 0615 when indications of saltwater leakage disappeared.

12/4 At 0640 load was reduced to 840 MWe to investigate saltwater leakage into the main condenser. Load was increased to 905 MWe at 1915 when indications of saltwater leakage disappeared.

12/6 At 0015 load was reduced to 835 MWe to investigate saltwater leakage into the main condenser. Load was increased to 905 MWe at 0330 when indications of saltwater leakage disappeared.

12/8 The turbine tripped at 1436 when an undervoltage condition occurred on the reactor trip bus.

12/9 The reactor was brought critical at 0045 and the unit paralleled at 0323. Resumed full load operation (900 MWe) at 1900.

12/10 At 0100 load was reduced to 805 MWe to investigate saltwater leakage into the main condenser. Load was increased to 905 MWe at 0400 when indications of saltwater leakage disappeared.

12/23 At 2130, load was reduced to 860 MWe in preparation for shutting down the unit due to lack of back up power to #11 Control Room A/C Unit. Load was increased to capacity (905 MWe) at 2200.

12/24 Load was reduced to 898 MWe at 2230 due to loss of the plant computer.

12/25 Resumed full load operation (905 MWe) at 0010. At 0855 load was decreased to 890 MWe for moderator temperature coefficient testing.

12/27 Load was increased to capacity (905 MWe) at 1800.

12/29 The generator was taken off the line at 0240 to investigate an indicated low oil level on 12B RCP motor. Completed repair of a leaking lower sight glass lower tap on 12B RCP and the unit paralleled at 1339. Load was increased to capacity (896 MWe) at 2230.

12/21 At the end of this reporting period Unit 1 was operating at 890 MWe with the reactor at 100% power.

SUMMARY OF UNIT 2 OPERATING EXPERIENCE

DECEMBER 1982

12/1 At the beginning of this reporting period, Unit 2 was shutdown for its 4th scheduled refueling outage.

12/31 At the end of this reporting period, Unit 2 remained shutdown for its 4th scheduled refueling outage.