OPERATING DATA REPORT

DOCKET NO 50-318
DATE 10/15/82
COMPLETED BY Elaine Lotito
TELEPHONE (301) 787-5363

OPERATING STATUS

1. Unit Name: Calvert Cliffs No. 2
2. Reporting Period: September 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	720.0	6,551.0	48,215.0
12. Number Of Hours Reactor Was Critical	720.0	6,170.1	41,738.1
13. Reactor Reserve Shutdown Hours	0.0	81.0	795.2
14. Hours Generator On-Line	720.0	6,136.7	41,181.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,719,806	15,327,381	101,371,937
17. Gross Electrical Energy Generated (MWH)	542,205	4,971,190	33,386,593
18. Net Electrical Energy Generated (MWH)	515,950	4,752,154	31,837,965
19. Unit Service Factor	100.0	93.7	85.4
20. Unit Availability Factor	100.0	93.7	85.4
21. Unit Capacity Factor (Using MDC Net)	86.7	87.9	80.0
22. Unit Capacity Factor (Using DER Net)	84.8	85.9	78.2
23. Unit Forced Outage Rate	0.0	6.0	4.8

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
No. 2 Scheduled for refueling, Unit General Inspection, Retubing of Condenser and to install the third auxiliary feedwater train from 10/17/82 until 2/13/82.

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. 50-317
DATE 10/15/82
COMPLETED BY Elaine Lotito
TELEPHONE (301) 787-5363

OPERATING STATUS

1. Unit Name: Calvert Cliffs No. 1
2. Reporting Period: September 1982
3. Licensed Thermal Power (MWt): 2700
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	720.0	6,551.0	64,860.0
12. Number Of Hours Reactor Was Critical	511.6	4,310.3	50,910.0
13. Reactor Reserve Shutdown Hours	0.0	3.1	1,795.5
14. Hours Generator On-Line	502.6	4,255.6	49,857.3
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,306,445	10,998,735	120,918,213
17. Gross Electrical Energy Generated (MWH)	432,305	3,662,266	39,656,263
18. Net Electrical Energy Generated (MWH)	411,446	3,495,433	37,797,466
19. Unit Service Factor	69.8	65.0	76.9
20. Unit Availability Factor	69.8	65.0	76.9
21. Unit Capacity Factor (Using MDC Net)	69.3	64.7	70.6
22. Unit Capacity Factor (Using DER Net)	67.6	63.1	69.0
23. Unit Forced Outage Rate	30.2	6.8	8.7

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		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September 1982

DOCKET NO. 50-318
UNIT NAME Calvert Cliffs No. 2
DATE 10/15/82
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
									NO OUTAGES
								NOTE:	No. 2 Unit has been reduced to various load levels almost the entire month due to condenser tube leaks.

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

DOCKET NO. 50-317
UNIT NAME Calvert Cliffs No. 1
DATE 10/15/82
COMPLETED BY Elaine Lotito
TELEPHONE (301) 787-5363

REPORT MONTH September 1982

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
82-08	091882	S	217.4	A	1		XX	PUMP XX	Replaced No. 12B Reactor Coolant Pump Shaft Seal and other miscellaneous maintenance.

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)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-317
UNIT Calvert Cliffs No. 1
DATE 10/15/82
COMPLETED BY Elaine Lotito
TELEPHONE (301) 787-5363

MONTH September 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	849	17	826
2	852	18	-
3	852	19	-
4	850	20	-
5	810	21	-
6	850	22	-
7	850	23	-
8	851	24	-
9	849	25	-
10	848	26	-
11	849	27	288
12	849	28	856
13	849	29	859
14	848	30	863
15	849	31	-
16	849		

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 No. 2
DATE 10/15/82
COMPLETED BY Elaine Lotito
TELEPHONE (301) 787-5363

MONTH September 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	644	17	821
2	647	18	817
3	668	19	715
4	680	20	687
5	676	21	697
6	688	22	700
7	672	23	669
8	690	24	687
9	686	25	698
10	753	26	686
11	710	27	719
12	821	28	820
13	817	29	808
14	708	30	679
15	686	31	-
16	720		

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)

October 5, 1982

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) 656

   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

October 5, 1982

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, 1982.*

4. Will refue ing 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) 656

   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

*This information changed since last report.

SUMMARY OF UNIT 2 OPERATING EXPERIENCE - SEPTEMBER 1982

9/1 At the beginning of this reporting period Unit 2 was operating at 675 MWe with the reactor at 81% power while investigating saltwater leakage into the main condenser.

9/10 Resumed full load operation (860 MWe) at 0315. At 1330 load was reduced to 720 MWe to investigate saltwater leakage into the main condenser.

9/12 Increased load to 845 MWe at 0001.

9/13 Load was increased to capacity (860 MWe) at 0200. Decreased load to 755 MWe at 2330 for replacement of condensate demineralizer resin.

9/14 At 0110 load was reduced to 740 MWe to investigate saltwater leakage into the main condenser.

9/16 Resumed full load operation (865 MWe) at 1945.

9/19 At 0900 load was reduced to 655 MWe due to high circulating water ΔT and for investigation of saltwater leakage into the main condenser. Load was increased to 715 MWe at 1600.

9/25 Load was increased to 800 MWe at 0900 when indications of saltwater leakage returned. Decreased load to 710 MWe at 1300 to investigate.

9/28 Load was increased to capacity (860 MWe) at 0100.

9/30 At 0001 load was decreased to 720 MWe to clean main condenser water boxes and for investigation of saltwater leakage into the main condenser. Plugged 87 leaking condenser tubes this month. At the end of this reporting period Unit 2 was operating at 720 MWe with the reactor at 85% power while investigating saltwater leakage into the main condenser.

SUMMARY OF UNIT 1 OPERATING EXPERIENCE - SEPTEMBER 1982

9/1 At the beginning of this reporting period Unit 1 was operating at 875 MWe with the reactor at 100% power.

9/5 Decreased load to 755 MWe at 0305 for main turbine control valve testing. Resumed full load operation (875 MWe) at 1100.

9/18 The unit was shutdown at 0124 to replace the shaft seal on 12B Reactor Coolant Pump and for other miscellaneous maintenance. The reactor was shutdown at 0225. The reactor was placed in cold shutdown at 1315.

9/19 Completed draining the Reactor Coolant System at 1315.

9/23 Completed filling the Reactor Coolant System at 0530.

9/25 Reactor Coolant System heatup was completed at 0850.

9/26 The reactor was brought critical at 1820.

9/27 The unit was paralleled at 0245.

9/28 Resumed full load operation (860 MWe) at 0100.

9/29 Load was increased to 890 MWe at 2100.

9/30 At the end of this reporting period Unit 1 was operating at 890 MWe with the reactor at 100% power.