OPERATING DATA REPORT

DOCKET NO. 50-317
DATE 6/14/82
COMPLETED BY Elaine Lotito
TELEPHONE (301) 787-5363

OPERATING STATUS

1. Unit Name: Calvert Cliffs No. 1
2. Reporting Period: May 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	3,623.0	61,932.0
12. Number Of Hours Reactor Was Critical	0.0	2,547.4	49,[illegible]7.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	1,792.4
14. Hours Generator On-Line	0.0	2,547.4	48,149.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	0	6,735,967	116,655,445
17. Gross Electrical Energy Generated (MWH)	0	2,274,438	38,268,435
18. Net Electrical Energy Generated (MWH)	0	2,178,927	36,480,960
19. Unit Service Factor	0.0	70.3	77.7
20. Unit Availability Factor	0.0	70.3	77.7
21. Unit Capacity Factor (Using MDC Net)	0.0	72.9	71.4
22. Unit Capacity Factor (Using DER Net)	0.0	71.2	69.7
23. Unit Forced Outage Rate	0.0	0.0	8.4

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
No. 1 Plant on a planned outage from 4/17/82 for refueling, unit general inspection and retube condenser.

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 6/14/82
COMPLETED BY Elaine Lotito
TELEPHONE (301) 787-5363

OPERATING STATUS

1. Unit Name: Calvert Cliffs No. 2
2. Reporting Period: May 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	3,623.0	45,287.0
12. Number Of Hours Reactor Was Critical	744.0	3,313.7	38,881.7
13. Reactor Reserve Shutdown Hours	0.0	9.4	723.6
14. Hours Generator On-Line	744.0	3,291.2	38,335.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,978,070	8,704,958	94,749,514
17. Gross Electrical Energy Generated (MWH)	650,264	2,891,512	31,306,915
18. Net Electrical Energy Generated (MWH)	624,376	2,769,862	29,855,673
19. Unit Service Factor	100.0	90.8	84.7
20. Unit Availability Factor	100.0	90.8	84.7
21. Unit Capacity Factor (Using MDC Net)	101.7	92.7	79.9
22. Unit Capacity Factor (Using DER Net)	99.3	90.5	78.0
23. Unit Forced Outage Rate	0.0	9.2	5.7

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		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-317
UNIT Calvert Cliffs #1
DATE 6/14/82
COMPLETED BY Elaine Lotito
TELEPHONE (301) 787-5363

MONTH May 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)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-318
UNIT Calvert Cliffs #2
DATE 6/14/82
COMPLETED BY Elaine Lotito
TELEPHONE (301) 787-5363

MONTH May 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	867	17	854
2	850	18	855
3	832	19	853
4	863	20	852
5	858	21	845
6	860	22	766
7	860	23	838
8	838	24	839
9	860	25	752
10	854	26	808
11	853	27	809
12	851	28	801
13	851	29	844
14	852	30	843
15	834	31	837
16	836		

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

DOCKET NO. 50-317
UNIT NAME Calvert Cliffs #1
DATE 6/14/82
COMPLETED BY Elaine Lotito
TELEPHONE (301) 787-5363

REPORT MONTH May 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
82-01	820417	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 I - Same Source

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-318
UNIT NAME Calvert Cliffs #2
DATE 6/14/82
COMPLETED BY Elaine Lotito
TELEPHONE (301) 787-5363

REPORT MONTH May 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
									No outages or reductions.

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)

June 2, 1982

REFUELING INFORMATION REQUEST

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

2. Scheduled date for next Refueling Shutdown: April 16, 1982

3. Scheduled date for restart following refueling: June 23, 1982*

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.

   February 15, 1982

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*

*Information changed since last report.

June 2, 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 5, 1982

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 4, 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*

*Information changed since last report.

SUMMARY OF UNIT 1 OPERATING EXPERIENCE - MAY 1982

5/1 At the beginning of this reporting period, Unit 1 was shutdown for its 5th scheduled refueling outage. Reactor Vessel head removed.

5/7 Commenced refueling at 0200.

5/13 Completed fuel handling evolutions.

5/31 At the end of this reporting period, Unit 1 was shutdown for its 5th scheduled refueling outage.

SUMMARY OF UNIT 2 OPERATING EXPERIENCE - MAY 1982

5/1 At the beginning of this reporting period Unit 2 was operating at 900 MWe with the reactor at 100% power.

5/2 Decreased load to 790 MWe at 0200 for Main Turbine Control Valve testing. Resumed full load operation (900 MWe) at 0430.

5/3 At 0914 load was reduced to 770 MWe to investigate saltwater leakage into the main condenser. Load was increased to 900 MWe at 1600 when indications of saltwater leakage disappeared.

5/8 Decreased load to 780 MWe at 0200 to clean condenser water boxes. Load was increased to capacity (900 MWe) at 0740.

5/15 At 0600 load was decreased to 870 MWe for moderator temperature coefficient testing.

5/17 Resumed full load operation (890 MWe) at 1900.

5/22 Decreased load to 760 MWe at 0635 to test Main Turbine Control Valves, clean condenser water boxes and replace 21B Travelling Screen. Reactor power was reduced to 80% at 0800 due to approaching the 12^{o} limit on main condenser circulating water ΔT. Load was increased to capacity (870 MWe) at 1800.

5/25 At 1300 load was decreased to 685 MWe to investigate saltwater leakage into the main condenser and clean condenser water boxes. Load was increased to 740 MWe at 1900 when indications of saltwater leakage disappeared.

5/26 Resumed full load operation (860 MWe) at 0600.

5/27 At 1915 load was reduced to 750 MWe to investigate saltwater leakage into the main condenser.

5/28 Load was increased to 870 MWe at 1000 when indications of saltwater leakage disappeared.

5/31 At the end of this reporting period Unit 2 was operating at 875 MWe with the reactor at 100% power.