OPERATING DATA REPORT

DOCKET NO. 50-317
DATE 6-12-81
COMPLETED BY Elaine Lotito
TELEPHONE 301-787-5363

OPERATING STATUS

1. Unit Name: Calvert Cliffs #1
2. Reporting Period: May 1981
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

Notes

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	744.0	3,623.0	53,172.0
12. Number Of Hours Reactor Was Critical	696.6	3,197.8	42,134.5
13. Reactor Reserve Shutdown Hours	0.0	229.9	1,494.0
14. Hours Generator On-Line	675.3	3,127.8	41,180.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,796,962	8,105,137	98,671,929
17. Gross Electrical Energy Generated (MWH)	597,233	2,718,277	32,312,510
18. Net Electrical Energy Generated (MWH)	570,918	2,598,740	30,790,988
19. Unit Service Factor	90.8	86.3	77.4
20. Unit Availability Factor	90.8	86.3	77.4
21. Unit Capacity Factor (Using MDC Net)	93.0	86.9	71.0
22. Unit Capacity Factor (Using DER Net)	90.8	84.9	68.5
23. Unit Forced Outage Rate	0.0	8.4	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: #1 In service 1:30 p.m. 6/1/81
26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

8204150394 810612
PDR ADOCK 05000317
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OPERATING DATA REPORT

DOCKET NO. 50-318
DATE 6-12-81
COMPLETED BY Elaine Lotito
TELEPHONE 301-787-5363

OPERATING STATUS

1. Unit Name: Calvert Cliffs #2
2. Reporting Period: May 1981
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	36,527.0
12. Number Of Hours Reactor Was Critical	744.0	2,169.3	30.589.1
13. Reactor Reserve Shutdown Hours	0.0	153.5	595.3
14. Hours Generator On-Line	744.0	2,114.1	30,151.2
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,996,625	4,955,067	73,706,698
17. Gross Electrical Energy Generated (MWH)	662,584	1,641,413	24,370,380
18. Net Electrical Energy Generated (MWH)	635,483	1,556,006	23,225,980
19. Unit Service Factor	100.0	58.3	82.5
20. Unit Availability Factor	100.0	58.3	82.5
21. Unit Capacity Factor (Using MDC Net)	103.5	52.1	77.9
22. Unit Capacity Factor (Using DER Net)	101.1	50.8	75.2
23. Unit Forced Outage Rate	0.0	8.1	5.5

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 6-12-81
COMPLETED BY Elaine Lotito
TELEPHONE 301-787-5363

MONTH May 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	867	17	861
2	865	18	861
3	866	19	862
4	864	20	863
5	864	21	860
6	864	22	819
7	863	23	-
8	861	24	774
9	860	25	800
10	829	26	857
11	865	27	855
12	857	28	856
13	856	29	834
14	860	30	-
15	834	31	-
16	862		

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 6-12-81
COMPLETED BY Elaine Lotito
TELEPHONE 301-787-5363

MONTH May 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	861	17	830
2	859	18	860
3	820	19	860
4	859	20	862
5	858	21	862
6	860	22	860
7	861	23	858
8	863	24	860
9	862	25	861
10	829	26	860
11	861	27	857
12	859	28	855
13	860	29	850
14	862	30	816
15	861	31	846
16	848		

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 6-12-81
COMPLETED BY Elaine Lotito
TELEPHONE 301-787-5363

REPORT MONTH May 1981

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
81-04	810523	S	21.3	B	1		CB	Pumpxx	To investigate low lube oil levels in three Reactor Coolant Pump Motors
81-05	810530	S	47.4	B	1		Cb	Pumpxx	To repair oil leakage on #12-B Reactor Coolant Pump Motor Oil Reservoir

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

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-318
UNIT NAME Calvert Cliffs #2
DATE 6-12-81
COMPLETED BY Elaine Lotito
TELEPHONE 301-787-5363

REPORT MONTH May 1981

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-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

(9/77)

June 4, 1981

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: May 31, 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.

   January 26, 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) 584
   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.

   1358 Licensed
   1028 Currently Installed
   472 Licensed Addition is Planned

9. The projected date of the last refueling that can be discharged to the Spent Fuel Pool assuming the present licensed capacity.

   October, 1985

June 4, 1981

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: November 29, 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.

   August 21, 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) 584
   Spent Fuel Pool is common to Units 1 & 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.

   1358 Licensed
   1028 Currently Installed
   472 Licensed Addition is Planned

9. The projected date of the last refueling that can be discharged to the Spent Fuel Pool assuming the present licensed capacity.

   October, 1985

SUMMARY OF UNIT 1 OPERATING EXPERIENCE - MAY 1981

5/1 At the beginning of this reporting period Unit 1 was operating at 895 MWe with the reactor at 100% power.

5/10 Decreased load to 745 MWe at 0030 to clean condenser water boxes. Load was increased to capacity (895 MWe) at 1000.

5/15 At 1010 load was reduced to 820 MWe to investigate saltwater leakage into the main condenser. After plugging 1 condenser tube resumed full load operation (895 MWe) at 2200.

5/23 The unit was taken off the line at 0100 to investigate low lube oil levels in three Reactor Coolant Pump motors. The unit was paralleled at 2221 and commenced increasing power.

5/24 At 0315, load was limited to 840 MWe to investigate saltwater leakage into the main condenser.

5/26 After plugging 1 condenser tube resumed full load operation (890 MWe) at 0315.

5/27 Started reducing load at 1635 due to being outside the requirements of T.S. 3.3.3.6 (Pressurizer Safety Valve Acoustic Monitor Inoperable). An emergency Tech. Spec. change was received and load was increased to capacity (890 MWe) at 2300.

5/30 The unit was taken off the line at 0037 and the reactor shutdown at 0105 to correct oil leakage on 12B Reactor Coolant Pump motor oil reservoir and for repair of the acoustic monitor.

5/31 At the end of this reporting period, Unit 1 was shutdown for repairs to the acoustic monitor and 12B RCP motor oil reservoir.

SUMMARY OF UNIT 2 OPERATING EXPERIENCE - MAY 1981

5/1 At the beginning of this reporting period Unit 2 was operating at 895 MWe with the reactor at 100% power.

5/3 At 0815 load was decreased to 740 MWe for Main Turbine Control Valve testing . Load was increased to capacity (895 MWe) at 1609.

5/10 At 0530 load was reduced to 820 MWe to investigate saltwater leakage into the main condenser. Increased load to capacity (895 MWe) at 1930 after plugging 1 condenser tube.

5/17 At 0001 load was reduced to 748 MWe to investigate saltwater leakage into the main condenser. Load was increased to 895 MWe at 0800 when indications of saltwater leakage disappeared.

5/30 Decreased load to 780 MWe at 0815 for intake screen maintenance and Main Turbine Control Valve testing. Resumed full load operation (890 MWe) at 1450.

5/31 At the end of this reporting period, Unit 2 was operating at 880 MWe with the reactor at 100% power.