

# OPERATING DATA REPORT

DOCKET NO 50-317  
 DATE 4/15/83  
 COMPLETED BY Elaine Lotito  
 TELEPHONE (301) 787-5363

## OPERATING STATUS

1. Unit Name: Calvert Cliffs #1
2. Reporting Period: March 1983
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	2,160.0	69,229.0
12. Number Of Hours Reactor Was Critical	744.0	2,084.5	55,180.4
13. Reactor Reserve Shutdown Hours	0.0	11.8	1,820.3
14. Hours Generator On-Line	744.0	2,074.5	54,098.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,968,199	5,477,253	132,147,299
17. Gross Electrical Energy Generated (MWH)	669,084	1,856,317	43,457,260
18. Net Electrical Energy Generated (MWH)	642,011	1,778,468	41,442,676
19. Unit Service Factor	100.0	96.0	78.1
20. Unit Availability Factor	100.0	96.0	78.1
21. Unit Capacity Factor (Using MDC Net)	104.6	99.8	73.7
22. Unit Capacity Factor (Using DER Net)	102.1	97.4	70.8
23. Unit Forced Outage Rate	0.0	4.0	7.9
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	_____	_____

8304220571 830415  
 PDR ADDCK 05000317  
 R PDR

# OPERATING DATA REPORT

DOCKET NO. 50-318  
 DATE 4/15/83  
 COMPLETED BY Elaine Lotito  
 TELEPHONE 301-787-5363

## OPERATING STATUS

1. Unit Name: Calvert Cliffs #2
2. Reporting Period: March 1983
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 Charges 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	2,160.0	52,584.0
12. Number Of Hours Reactor Was Critical	715.7	1,756.2	43,857.1
13. Reactor Reserve Shutdown Hours	28.3	95.6	890.8
14. Hours Generator On-Line	713.9	1,611.6	43,154.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,966,054	4,085,180	106,305,937
17. Gross Electrical Energy Generated (MWH)	635,043	1,354,673	35,010,877
18. Net Electrical Energy Generated (MWH)	608,276	1,286,245	33,377,007
19. Unit Service Factor	96.0	74.6	82.1
20. Unit Availability Factor	96.0	74.6	82.1
21. Unit Capacity Factor (Using MDC Net)	99.1	72.2	77.5
22. Unit Capacity Factor (Using DER Net)	96.8	70.5	75.1
23. Unit Forced Outage Rate	4.0	6.8	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):

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-317

UNIT Calvert Cliffs #1

DATE 4/15/83

COMPLETED BY Elaine Lotito

TELEPHONE 301-787-5363

MONTH March 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	872
2	876
3	877
4	879
5	879
6	879
7	877
8	879
9	879
10	881
11	879
12	879
13	858
14	879
15	879
16	880

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	880
18	880
19	786
20	806
21	879
22	879
23	879
24	879
25	846
26	742
27	805
28	880
29	880
30	833
31	866

## 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.

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-318  
UNIT Calvert Cliffs #2  
DATE 4/15/83  
COMPLETED BY Elaine Lotito  
TELEPHONE 301-787-5363

MONTH March 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	862
2	864
3	863
4	863
5	865
6	408
7	31
8	795
9	864
10	850
11	862
12	863
13	863
14	863
15	864
16	863

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	863
18	863
19	865
20	830
21	864
22	863
23	862
24	861
25	862
26	863
27	864
28	863
29	861
30	860
31	860

## 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.

# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1983

DOCKET NO. 50-317  
 UNIT NAME Calvert Cliffs #1  
 DATE 4/15/83  
 COMPLETED BY Elaine Lotito  
 TELEPHONE 301-787-5363

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
									No outages or reductions.

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram  
 3-Automatic Scram  
 4-Continuation  
 5-Load Reduction  
 9-Other

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

<sup>5</sup>  
 Exhibit I - Same Source

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1983

DOCKET NO. 50-318  
 UNIT NAME Calvert Cliffs #2  
 DATE 4/15/83  
 COMPLETED BY Elaine Lotito  
 TELEPHONE 301-787-5363

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
83-03	830306	F	30.1	A	3		XX	ZZZZZ	Loss of 120 VAC vital bus.

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Continuation  
 5-Load Reduction  
 9-Other

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

<sup>5</sup>  
 Exhibit I - Same Source



April 7, 1983

REFUELING INFORMATION REQUEST

1. Name of Facility: Calvert Cliffs Nuclear Power Plant, Unit No. 1
2. Scheduled date for next Refueling Shutdown: September 30, 1983
3. Scheduled date for restart following refueling: December 1, 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.

September 1, 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

\* Changed since last time.

April 7, 1983

REFUELING INFORMATION REQUEST

1. Name of Facility: Calvert Cliffs Nuclear Power Plant, Unit No. 2.
2. Scheduled date for next refueling shutdown: April 20, 1984.\*
3. Scheduled date for restart following refueling: June 10, 1984.\*
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.

March 3, 1984

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

\* Information changed since last time.



## SUMMARY OF UNIT 1 OPERATING EXPERIENCE

### MARCH 1983

- 3/1 At the beginning of this reporting period, Unit 1 was operating at 860 MWe with the reactor at 98% power increasing to capacity. Resumed full load operation (905 MWe) at 0640.
- 3/13 Decreased load to 740 MWe at 0150 for main turbine control valve testing. Resumed full load operation (900 MWe) at 0500.
- 3/14 Load was increased to 910 MWe at 0001.
- 3/19 Decreased load to 800 MWe at 0500 to clean main condenser waterboxes.
- 3/20 Load was increased to capacity (910 MWe) at 1700.
- 3/25 At 1245 load was decreased to 770 MWe to clean main condenser waterboxes. Resumed full load operation (915 MWe) at 1800.
- 3/26 Decreased load to 775 MWe at 0100 for main condenser waterbox cleaning.
- 3/27 Load was increased to capacity (910 MWe) at 1800.
- 3/30 At 1700 load was decreased to 740 MWe to clean main condenser waterboxes. Resumed full load operation (915 MWe) at 2320.
- 3/31 Decreased load to 735 MWe at 2300 for main condenser waterbox cleaning. At the end of this reporting period, Unit 1 was operating at 735 MWe with the reactor at 80% power while cleaning main condenser waterboxes.

## SUMMARY OF UNIT 2 OPERATING EXPERIENCE

### MARCH 1983

- 3/1 At the beginning of this reporting period, Unit 2 was operating at 900 MWe with the reactor at 100% power.
- 3/6 Decreased load to 720 MWe at 0800 for testing main turbine control valves. Load was increased to capacity (900 MWe) at 1100. At 1251 a loss of 120 VAC vital bus resulted in the actuation of ESFAS. The actuation of ESFAS tripped the Main Turbine causing the reactor to trip on loss of load.
- 3/7 The reactor was brought critical at 1707 and the unit paralleled at 1855.
- 3/8 Load was increased to capacity (900 MWe) at 0757.
- 3/10 At 2030 load was decreased to 825 MWe to secure 25 Circulating Water Pump for investigation of a small AC ripple on 22 DC bus.
- 3/11 Resumed full load operation (900 MWe) at 0100.
- 3/20 Decreased load to 770 MWe at 0320 for main turbine control valve testing. Load was increased to capacity (900 MWe) at 0900.
- 3/31 At the end of this reporting period, Unit 2 was operating at 900 MWe with the reactor at 100% power.