

OPERATING DATA REPORT

DOCKET NO. 50-317
DATE 8/12/83
COMPLETED BY Elaine Lotito
TELEPHONE (301) 782-5363

OPERATING STATUS

1. Unit Name: Calvert Cliffs No. 1
2. Reporting Period: July, 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	5,087.0	72,156.0
12. Number Of Hours Reactor Was Critical	744.0	4,871.7	57,967.6
13. Reactor Reserve Shutdown Hours	0.0	11.8	1,820.3
14. Hours Generator On-Line	744.0	4,850.4	56,874.3
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,984,154	12,790,135	139,460,161
17. Gross Electrical Energy Generated (MWH)	653,965	4,293,654	45,894,597
18. Net Electrical Energy Generated (MWH)	626,765	4,112,957	43,777,165
19. Unit Service Factor	100.0	95.4	78.8
20. Unit Availability Factor	100.0	95.4	78.8
21. Unit Capacity Factor (Using MDC Net)	102.1	98.0	74.6
22. Unit Capacity Factor (Using DER Net)	99.7	95.7	71.8
23. Unit Forced Outage Rate	0.0	2.3	7.6
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. Unit In Test Status (Prior to Commercial Operation):

Forecast

Achieved

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

8308220359 830812
PDR ADOCK 05000317
R PDR

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(9/77)

OPERATING DATA REPORT

DOCKET NO. 50-318
 DATE 8/12/83
 COMPLETED BY Elaine Lotito
 TELEPHONE (301) 787-5363

OPERATING STATUS

1. Unit Name: Calvert Cliffs No. 2
2. Reporting Period: July, 1983
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	5,087.0	55,511.0
12. Number Of Hours Reactor Was Critical	744.0	4,683.2	46,784.1
13. Reactor Reserve Shutdown Hours	0.0	95.6	890.8
14. Hours Generator On-Line	744.0	4,525.4	46,068.3
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,989,322	11,864,874	114,085,631
17. Gross Electrical Energy Generated (MWH)	634,297	3,889,249	37,545,453
18. Net Electrical Energy Generated (MWH)	607,047	3,714,184	35,804,946
19. Unit Service Factor	100.0	89.0	83.0
20. Unit Availability Factor	100.0	89.0	83.0
21. Unit Capacity Factor (Using MDC Net)	98.9	88.5	78.8
22. Unit Capacity Factor (Using DER Net)	96.6	86.4	76.3
23. Unit Forced Outage Rate	0.0	2.8	5.2
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 No. 1
 DATE 8/12/83
 COMPLETED BY Elaine Lotito
 TELEPHONE (301) 787-5363

MONTH July, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	856
2	855
3	810
4	853
5	851
6	849
7	852
8	855
9	815
10	850
11	851
12	854
13	856
14	860
15	858
16	835

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	857
18	854
19	854
20	856
21	856
22	851
23	803
24	751
25	850
26	851
27	850
28	852
29	850
30	830
31	835

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 No. 2
DATE 8/12/83
COMPLETED BY Elaine Lotito
TELEPHONE (301) 787-5363

MONTH July, 1983

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	829
2	827
3	825
4	825
5	824
6	820
7	823
8	826
9	827
10	775
11	829
12	827
13	826
14	826
15	825
16	824

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	684
18	819
19	823
20	824
21	822
22	819
23	822
24	807
25	816
26	814
27	814
28	818
29	819
30	821
31	818

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 July, 1983

DOCKET NO. 50-317
 UNIT NAME Calvert Cliffs #1
 DATE 8/12/83
 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
									No outages or reportable 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)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July, 1983

DOCKET NO. 50-316
 UNIT NAME Calvert Cliffs #2
 DATE 8/12/83
 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
83-05	830717	S	12.5	A	5		XX	ZZZZZZ	Repair a steam leak on the pump casing of No. 21 Steam Generator Feed Pump.

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
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 3-Automatic Scram.
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 9-Other

⁴
 Exhibit G - Instructions
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 0161)

⁵
 Exhibit I - Same Source

(9/77)

August 2, 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

830 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

August 2, 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

830 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

JULY 1983

- 7/1 At the beginning of this reporting period Unit 1 was operating at 852 MWe with the reactor at 100% power.
- 7/3 Decreased load to 730 MWe at 0510 for Main Turbine Control Valve testing and Main Condenser Water Box cleaning. Resumed full load operation (850 MWe) at 1430.
- 7/9 Decreased load to 775 MWe at 0600 to clean condenser water boxes. Load was increased to capacity (850 MWe) at 1915.
- 7/16 At 0400 load was decreased to 700 MWe to test Main Turbine Valves. Load was increased to capacity (850 MWe) at 0700.
- 7/23 At 0245 load was decreased to 735 MWe to clean condenser water boxes.
- 7/24 Main Condenser Water Box cleaning was completed at 2100 however, load remained limited to 735 MWe to investigate saltwater leakage into the main condenser.
- 7/25 Load was increased to 850 MWe at 0110 when indications of saltwater leakage disappeared.

SUMMARY OF UNIT 1 OPERATING EXPERIENCE

JULY 1983

- 7/29 Decreased load to 825 MWe at 2205 for Moderator Temperature Coefficient testing.
- 7/31 Load was increased to 850 MWe at 1620. At the end of this reporting period Unit 1 was operating at 850 MWe with the reactor at 100%.

SUMMARY OF UNIT 2 OPERATING EXPERIENCE

JULY 1983

- 7/1 At the beginning of this reporting period Unit 2 was operating at 827 MWe with the reactor at 100% power.
- 7/10 At 0600 load was decreased to clean condenser water boxes and Main Turbine Control Valve testing. Resumed full load operation (820 MWe) at 2310.
- 7/17 At 0130 load was decreased to 550 MWe to repair a steam leak on the pump casing of 21 Steam Generator Feed Pump. Resumed full load operation (820 MWe) at 1900.
- 7/24 Decreased load to 720 MWe at 0030 for Main Turbine Control Valve testing. Resumed full load operation (815 MWe) at 0500.
- 7/31 At the end of this reporting period Unit 2 was operating at 820 MWe with the reactor at 100% power.



CHARLES CENTER • P.O. BOX 1475 • BALTIMORE, MARYLAND 21203

FOSSIL POWER DEPARTMENT

August 12, 1983

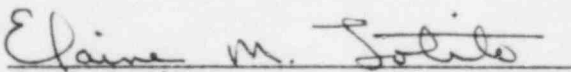
Director Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D.C. 20055

ATTENTION: Document Control Desk

Gentlemen:

Enclosed herewith is the July 1983 - Operation Status Report for Calvert Cliffs No. 1 Unit, (Docket 50-317) and Calvert Cliffs No. 2 Unit, (Docket 50-318).

Sincerely,


E. M. Lotito
Performance Data Analyser
Production Economy and Results Unit
Fossil Power Department

Enclosure

cc: Messrs W. Lavalley
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