

OPERATING DATA REPORT

DOCKET NO. 50-317
 DATE 7/15/82
 COMPLETED BY Elaine Lotito
 TELEPHONE (301) 787-5363

OPERATING STATUS

1. Unit Name: Calvert Cliffs #1
2. Reporting Period: June, 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	720.0	4,343.0	62,652.0
12. Number Of Hours Reactor Was Critical	2.7	2,550.1	49,149.8
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	58.7	76.9
20. Unit Availability Factor	0.0	58.7	76.9
21. Unit Capacity Factor (Using MDC Net)	0.0	60.8	70.6
22. Unit Capacity Factor (Using DER Net)	0.0	59.4	68.9
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.
 The plant was reported in service on 7/5/82 and is presently ramping back to full load.

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	_____	_____

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DOCKET NO. 50-318
 DATE 7/15/82
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 TELEPHONE (301) 787-5363

OPERATING STATUS

1. Unit Name: Calvert Cliffs #2
2. Reporting Period: June, 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	4,343.0	46,007.0
12. Number Of Hours Reactor Was Critical	720.0	4,033.7	39,601.7
13. Reactor Reserve Shutdown Hours	0.0	9.4	723.6
14. Hours Generator On-Line	720.0	4,011.2	39,055.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,856,153	10,561,111	96,605,667
17. Gross Electrical Energy Generated (MWH)	596,014	3,487,526	31,902,929
18. Net Electrical Energy Generated (MWH)	576,895	3,346,757	30,432,568
19. Unit Service Factor	100.0	92.4	84.9
20. Unit Availability Factor	100.0	92.4	84.9
21. Unit Capacity Factor (Using MDC Net)	97.1	93.4	80.2
22. Unit Capacity Factor (Using DER Net)	94.8	91.2	78.3
23. Unit Forced Outage Rate	0.0	7.6	5.6
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. 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 7/15/82
 COMPLETED BY Elaine Lotito
 TELEPHONE (301) 787-5363

MONTH June 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>-</u>	17	<u>-</u>
2	<u>-</u>	18	<u>-</u>
3	<u>-</u>	19	<u>-</u>
4	<u>-</u>	20	<u>-</u>
5	<u>-</u>	21	<u>-</u>
6	<u>-</u>	22	<u>-</u>
7	<u>-</u>	23	<u>-</u>
8	<u>-</u>	24	<u>-</u>
9	<u>-</u>	25	<u>-</u>
10	<u>-</u>	26	<u>-</u>
11	<u>-</u>	27	<u>-</u>
12	<u>-</u>	28	<u>-</u>
13	<u>-</u>	29	<u>-</u>
14	<u>-</u>	30	<u>-</u>
15	<u>-</u>	31	<u>-</u>
16	<u>-</u>		

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 7/15/82
 COMPLETED BY Elaine Lotito
 TELEPHONE (301) 787-5363

MONTH June 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>855</u>	17	<u>760</u>
2	<u>784</u>	18	<u>687</u>
3	<u>840</u>	19	<u>737</u>
4	<u>844</u>	20	<u>757</u>
5	<u>741</u>	21	<u>731</u>
6	<u>801</u>	22	<u>782</u>
7	<u>829</u>	23	<u>833</u>
8	<u>809</u>	24	<u>800</u>
9	<u>849</u>	25	<u>834</u>
10	<u>820</u>	26	<u>832</u>
11	<u>853</u>	27	<u>755</u>
12	<u>746</u>	28	<u>831</u>
13	<u>770</u>	29	<u>831</u>
14	<u>853</u>	30	<u>824</u>
15	<u>855</u>	31	<u>-</u>
16	<u>822</u>		

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

DOCKET NO. 50-317
 UNIT NAME Calvert Cliffs #1
 DATE 7/15/82
 COMPLETED BY Elaine Lotito
 TELEPHONE (301) 787-5363

REPORT MONTH June, 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	720.0	C	4		XX	Fuel X	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 7/15/82
 COMPLETED BY Elaine Lotito
 TELEPHONE (301) 787-5363

REPORT MONTH June 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
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 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

July 7, 1982

REFUELING INFORMATION REQUEST

1. Name of Facility: Calvert Cliffs Nuclear Power Plant, Unit No. 1
2. Scheduled date for next Refueling Shutdown: October 15, 1983*
3. Scheduled date for restart following refueling: December 9, 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.

July 13, 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

*Information changed since last report.

July 7, 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 - JUNE 1982

- 6/1 At the beginning of this reporting period Unit 1 was shutdown for its 5th scheduled refueling outage.
- 6/25 Completed filling the Reactor Coolant System at 2300.
- 6/29 Reactor Coolant System heatup was completed at 0900.
- 6/30 The reactor was brought critical at 2116. Commenced low power physics testing. At the end of this reporting period Unit 1 was critical with low power physics testing in progress.

SUMMARY OF UNIT 2 OPERATING EXPERIENCE - JUNE 1982

- 6/1 At the beginning of this reporting period Unit 2 was operating at 875 MWe with the reactor at 100% power.
- 6/2 At 1130 Control Element Assembly (CEA) 64 dropped into the core. Reactor power was immediately reduced to less than 70% in accordance with the Technical Specifications. CEA 64 was withdrawn back to its group at 1257. Load had been increased to 655 MWe at 1437 when CEA 64 again dropped into the core. Reactor power was immediately reduced to 70%. CEA 64 was withdrawn back to its group at 1530. Load was increased to capacity (865 MWe) at 1900.
- 6/3 At 0800 load was decreased to 830 MWe, due to Axial Shape Index swings caused by the dropped CEA's. Resumed full load operation (860 MWe) at 1200.
- 6/5 Decreased load to 700 MWe at 0100 to clean main condenser water boxes. Resumed full load operation (880 MWe) at 1800.
- 6/6 Decreased load to 750 MWe at 0600 for Travelling Screen maintenance. Load was increased to capacity (880 MWe) at 1722.
- 6/7 At 2100 load was reduced to 750 MWe to investigate saltwater leakage into the main condenser. After plugging 1 condenser tube resumed full load operation (865 MWe) at 1340.
- 6/10 At 1000 load was reduced to 730 MWe to investigate saltwater leakage into the main condenser. Load was increased to 865 MWe at 1500 when indications of saltwater leakage disappeared.
- 6/12 At 0125 load was reduced to 740 MWe to investigate saltwater leakage into the main condenser. Increased load to capacity (870 MWe) at 2300 after plugging 3 condenser tubes.

SUMMARY OF UNIT 2 OPERATING EXPERIENCE - JUNE 1982 CONTINUED

- 6/13 At 0200 load was reduced to 780 MWe to investigate saltwater leakage into the main condenser. Located and plugged 3 leaking condenser tubes at 0630. Load had been increased to 820 MWe at 1045 when indications of saltwater leakage into the main condenser returned. Load was decreased to 760 MWe at 1200 to investigate. After plugging 3 condenser tubes resumed full load operation (870 MWe) at 2100.
- 6/16 At 0645 load was reduced to 740 MWe to investigate saltwater leakage into the main condenser. Load was increased to 870 MWe at 1300 when indications of saltwater leakage disappeared.
- 6/17 At 2100 load was reduced to 720 MWe to investigate saltwater leakage into the main condenser.
- 6/19 Increased load to capacity (875 MWe) at 1730 after plugging 2 condenser tubes.
- 6/20 Decreased load to 715 MWe at 0115 to clean main condenser water boxes. Completed water box cleaning at 0600 but remained at reduced load to investigate saltwater leakage into the main condenser. Load was increased to 870 MWe at 1400 when indications of saltwater leakage disappeared.
- 6/21 At 0400 load was reduced to 720 MWe to investigate saltwater leakage into the main condenser. After plugging 1 condenser tube resumed full load operation (860 MWe) at 2200.
- 6/22 At 0100 load was reduced to 735 MWe to investigate saltwater leakage into the main condenser. Increased load to capacity (865 MWe) at 0950 after plugging 1 condenser tube.
- 6/24 Decreased load to 700 MWe at 0400 to clean main condenser water boxes. Resumed full load operation (865 MWe) at 0830.

SUMMARY OF UNIT 2 OPERATING EXPERIENCE - JUNE 1982 CONTINUED

- 6/27 Decreased load to 720 MWe at 0730 for travelling screen replacement. Load was increased to capacity (865 MWe) at 2100.
- 6/30 At the end of this reporting period Unit 2 was operating at 860 MWe with the reactor at 100% power.