

# OPERATING DATA REPORT

DOCKET NO. 50-317  
DATE 6-15-84  
COMPLETED BY EVELYN BEWLEY  
TELEPHONE (301) 787-5365

## OPERATING STATUS \*\*\*\*\*

1. UNIT NAME - CALVERT CLIFFS NO. 1
2. REPORTING PERIOD - MAY 1984
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 - 850
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE) - 825
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS -
9. POWER LEVEL TO WHICH RESTRICTED (NET MW) -
10. REASONS FOR RESTRICTIONS -

	MONTHLY *****	YR-TO-DATE *****	CUMULATIVE *****
11. HOURS IN REPORTING PERIOD	744.0	3647.0	72476.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	152.0	2884.9	52851.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1887.9
14. HOURS GENERATOR ON LINE	137.3	2853.1	51599.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MMWH)	353681.	7575203.	151717495.
17. GROSS ELECTRICAL ENERGY GENERATED (MMWH)	120191.	2588725.	50015210.
18. NET ELECTRICAL ENERGY GENERATED (MMWH)	107956.	2474507.	47707.72.
19. UNIT SERVICE FACTOR	18.4	78.2	77.5
20. UNIT AVAILABILITY FACTOR	18.4	78.2	77.5
21. UNIT CAPACITY FACTOR (USING MUC NET)	17.5	82.2	73.6
22. UNIT CAPACITY FACTOR (USING DER NET)	17.2	80.3	71.0
23. UNIT FORCED OUTAGE RATE	81.2	21.4	8.3
24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION) -			

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START-UP -
26. UNIT IN TEST STATUS (PRIOR COMMERCIAL OPERATION) FORECAST ACHIEVED
- INITIAL CRITICALITY
- INITIAL ELECTRICITY
- COMMERCIAL OPERATION

8406220144 840531  
PDR ADOCK 05000317  
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# OPERATING DATA REPORT

BUCKET NO. 57-318  
DATE 6-15-84  
COMPLETED BY EVELYN BEWLEY  
TELEPHONE (301) 797-5365

## OPERATING STATUS 0000000000000000

1. UNIT NAME - CALVERT CLIFFS NO. 2
2. REPORTING PERIOD - MAY 1984
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 - 850
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE) - 825
8. IF CHANGES OCCUR IN CAPACITY RATINGS/ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS -
9. POWER LEVEL TO WHICH RESTRICTED (NET MWE) -
10. REASONS FOR RESTRICTIONS -

	MONTHLY 00000000	YR-TO-DATE 000000000000	CUMULATIVE 000000000000
11. HOURS IN REPORTING PERIOD	744.0	3647.0	62831.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	0.0	2652.0	52579.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	957.8
14. HOURS GENERATOR ON LINE	0.0	2612.0	51727.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED(MWH)	0.	6881107.	128722801.
17. GROSS ELECTRICAL ENERGY GENERATED(MWH)	0.	2263762.	42333048.
18. NET ELECTRICAL ENERGY GENERATED(MWH)	0.	2164181.	40367943.
19. UNIT SERVICE FACTOR	0.0	71.6	82.3
20. UNIT AVAILABILITY FACTOR	0.0	71.6	92.3
21. UNIT CAPACITY FACTOR (USING MDC NET)	0.0	71.9	78.4
22. UNIT CAPACITY FACTOR (USING DER NET)	0.0	70.2	76.0
23. UNIT FORCED OUTAGE RATE	0.0	2.0	5.6
24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION) -			

No. 2 Plant started its refueling on 4/21/84.

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START-UP - 7/2/84
26. UNIT IN TEST STATUS (PRIOR COMMERCIAL OPERATION) FORECAST ACHIEVED
- INITIAL CRITICALITY
- INITIAL ELECTRICITY
- COMMERCIAL OPERATION

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 52-317  
 UNIT CALVERT CLIFFS NO. 1  
 DATE 6-15-84  
 COMPLETED BY EVELYN BEWLEY  
 TELEPHONE (301) 787-5365

MAY 1984

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AVERAGE DAILY POWER LEVEL  
 (MWE - NET)

DAY

1	882.
2	880.
3	880.
4	882.
5	882.
6	177.
7	15.
8	0.
9	0.
10	0.
11	0.
12	0.
13	0.
14	0.
15	0.
16	0.
17	0.
18	0.
19	0.
20	0.
21	0.
22	0.
23	0.
24	0.
25	0.
26	0.
27	0.
28	0.
29	0.
30	0.
31	153.

# AVERAGE DAILY UNIT POWER LEVEL

DOLKET NO. 52-318  
 UNIT CALVERT CLIFFS NO. 2  
 DATE 6-15-84  
 COMPLETED BY EVELYN BEWLEY  
 TELEPHONE (301) 787-5365

MAY 1984

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AVERAGE DAILY POWER LEVEL  
 (MWE - NET)

DAY

1	0.
2	0.
3	0.
4	0.
5	0.
6	0.
7	0.
8	0.
9	0.
10	0.
11	0.
12	0.
13	0.
14	0.
15	0.
16	0.
17	0.
18	0.
19	0.
20	0.
21	0.
22	0.
23	0.
24	0.
25	0.
26	0.
27	0.
28	0.
29	0.
30	0.
31	0.

# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May

DOCKET NO. 50-317  
 UNIT NAME Calvert Cliffs No. 1  
 DATE 6/15/84  
 COMPLETED BY E. Rowley  
 TELEPHONE (301) 787-5365

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
84-03	840506	F	607:00	A	1	84-005-00	CF	HTEXCH	Inspect and repair salt water system.

<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 May

DOCKET NO. 50-318  
 UNIT NAME Calvert Cliffs No. 2  
 DATE 6/15/86  
 COMPLETED BY E. Bewley  
 TELEPHONE (301) 787-5365

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
84-04	840421	S	744:00	C	4		XX	Fuel XX	Continuation fo refueling and general inspection.

<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

June 4, 1984

REFUELING INFORMATION REQUEST

1. Name of Facility: Calvert Cliffs Nuclear Power Plant, Unit No. 1
2. Scheduled date for next Refueling Shutdown: March 23, 1985
3. Scheduled date for restart following refueling: May 26, 1985
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 20, 1985

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) 868

Spent Fuel Pools are common to Units 1 and 2

8. (a) The present licensed spent fuel pool storage capacity, and (b) the size of any increase in licensed storage capacity that has been requested or is planned, in number of fuel assemblies.

(a) 1830

(b) 0

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



June 4, 1984

REFUELING INFORMATION REQUEST

1. Name of Facility: Calvert Cliffs Nuclear Power Plant, Unit No. 2.
2. Scheduled date for next refueling shutdown: April 21, 1984.
3. Scheduled date for restart following refueling: June 19, 1984.
4. Will refueling or resumption of operation thereafter require a technical specification change or other licensed amendment?

Resumption of operation after refueling will not require changes to Technical Specifications.

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) 868

Spent Fuel Pool is common to Units 1 and 2.

8. (a) The present licensed spent fuel pool storage capacity, and (b) the size of any increase in licensed storage capacity that has been required or is planned, in number of fuel assemblies.

(a) 1830

(b) 0

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

MAY 1984

- 5/1 At the beginning of this reporting period, Unit 1 was operating at 883 MWe with the reactor at 100% power.
- 5/6 At 0310 the Unit was shutdown and cooled down for inspection and repairs to the Salt Water System.
- 5/30 At 2333 the reactor was taken critical.
- 5/31 The Unit was paralleled to the grid at 1435. At the end of this reporting period, Unit 1 was at 831 MWe with the reactor at 96% power approaching 100% power.

## SUMMARY OF UNIT 2 OPERATING EXPERIENCE

MAY 1984

- 5/1 At the beginning of this reporting period, Unit 2 was shutdown for its 5th scheduled refueling outage.
- 5/5 Commenced refueling at 1650.
- 5/26 Completed refueling at 1942.
- 5/31 At the end of this reporting period, Unit 2 was shutdown for its 5th scheduled refueling outage.



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

June 15, 1984

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

ATTENTION: Document Control Desk

Gentlemen:

Enclosed herewith is the May 1984 - Operation Status Report for Calvert Cliffs No. 1 Unit, (Docket 50-317) and Calvert Cliffs No. 2 Unit, (Docket 50-318).

Sincerely,

*Evelyn K. Bowley*  
E. K. Bowley  
Economy Clerk  
Production Economy and Results Unit  
Fossil Power Department

Enclosure

cc: Messrs	C. McCabe, Jr.	R. Architzel
	R. R. Mills	L. Russell
	P. Ross	P. Sierer, Jr.
	M. Beebe	C. Shoemaker
	D. Reilly	R. Ash
	T. Magette	V. Stricklin
	J. Tiernan	A. Lundvall
	W. L. Lavallee	

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wp/(NRC)

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