

OPERATING DATA REPORT

DOCKET NO. 53-317
 DATE 10-12-84
 COMPLETED BY EVELYN BEWLEY
 TELEPHONE (301) 787-5365

OPERATING STATUS
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1. UNIT NAME : CALVERT CLIFFS NO. 1
2. REPORTING PERIOD : SEPTEMBER 1984
3. LICENSED THERMAL POWER (MW) : 2,700
4. NAMEPLATE RATING (GROSS MW) : 919
5. DESIGN ELECTRICAL RATING (NET MW) : 945
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 *****	PERIOD DATE *****	CUMULATIVE *****
11. HOURS IN REPORTING PERIOD	720.0	6575.0	82404.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	5772.4	53719.3
13. REACTOR RESERVE SHUTDOWNS HOURS	0.0	0.0	1887.9
14. HOURS GENERATOR ON LINE	720.0	5703.5	54455.4
15. UNIT RESERVE SHUTDOWNS HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MMWH)	1228525.	15170943.	159313244.
17. GROSS ELECTRICAL ENERGY GENERATED (MMWH)	549495.	5107575.	52535151.
18. NET ELECTRICAL ENERGY GENERATED (MMWH)	514007.	4886273.	50121235.
19. UNIT SERVICE FACTOR	100.0	95.6	78.2
20. UNIT AVAILABILITY FACTOR	100.0	85.8	78.2
21. UNIT CAPACITY FACTOR (USING MDC NET)	103.4	93.1	74.5
22. UNIT CAPACITY FACTOR (USING DER NET)	100.9	87.9	72.0
23. UNIT FORCED OUTAGE RATE	0.0	13.2	8.0
24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION) :			

25. IF SHUTDOWNS 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

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OPERATING DATA REPORT

DOCKET NO. 53-318
 DATE 10-12-84
 COMPLETED BY EVELYN BEWLEY
 TELEPHONE (301) 787-5355

OPERATING STATUS
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1. UNIT NAME : CALVERT CLIFFS NO. 2
2. REPORTING PERIOD : SEPTEMBER 1984
3. LICENSED THERMAL POWER (MW) : 2,700
4. MAXIMUM RATING (GROSS MWE) : 311
5. DESIGN ELECTRICAL RATING (NET MWE) : 345
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) : 350
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE) : 325
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 RESTRICTION :

	MONTHLY 0000000	YTD DATE 0000000000	CUMULATIVE 0000000000
11. HOURS IN REPORTING PERIOD	720.0	6575.0	65759.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	556.9	4432.2	54363.0
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	957.8
14. HOURS GENERATOR ON LINE	563.2	4323.0	53439.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MMWH)	1460521.0	11150853.0	132992554.0
17. GROSS ELECTRICAL ENERGY GENERATED (MMWH)	433534.0	3554382.0	43733668.0
18. NET ELECTRICAL ENERGY GENERATED (MMWH)	460903.0	3495257.0	41697029.0
19. UNIT SERVICE FACTOR	78.2	55.7	81.3
20. UNIT AVAILABILITY FACTOR	78.2	55.7	81.3
21. UNIT CAPACITY FACTOR (USING MDC NET)	77.5	54.6	77.3
22. UNIT CAPACITY FACTOR (USING DER NET)	75.8	52.9	75.0
23. UNIT FORCED OUTAGE RATE	21.8	11.1	5.3
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)
- INITIAL CRITICALITY
- INITIAL ELECTRICITY
- COMMERCIAL OPERATION
- ACHIEVED

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-317
UNIT CALVERT CLIFFS NO. 1
DATE 12-12-84
COMPLETED BY EVELYN BEWLEY
TELEPHONE (301) 797-5365

SEPTEMBER 1934
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JAY AVERAGE DAILY POWER LEVEL
(MWE - NET)

1	751.
2	851.
3	852.
4	852.
5	853.
6	854.
7	856.
8	857.
9	859.
10	858.
11	858.
12	857.
13	858.
14	858.
15	858.
16	853.
17	853.
18	851.
19	851.
20	851.
21	850.
22	850.
23	859.
24	852.
25	853.
26	859.
27	852.
28	853.
29	793.
30	854.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 52-318
 UNIT CALVERT CLIFFS NO. 2
 DATE 12-12-84
 COMPLETED BY EVELYN BEWLEY
 TELEPHONE (301) 787-5155

SEPTEMBER 1984

DAY AVERAGE DAILY POWER LEVEL
 (MJE - NET)

1	822.
2	850.
3	847.
4	847.
5	831.
6	815.
7	731.
8	853.
9	816.
10	858.
11	853.
12	852.
13	852.
14	514.
15	0.
16	0.
17	0.
18	0.
19	0.
20	0.
21	342.
22	834.
23	854.
24	836.
25	835.
26	834.
27	839.
28	851.
29	822.
30	859.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September

DOCKET NO. 50-317
 UNIT NAME Calvert Cliffs No. 1
 DATE October, 1984
 COMPLETED BY E. Bewley
 TELEPHONE (301) 787-5365

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 reportable 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)

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

⁴
 Exhibit C - 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 September

DOCKET NO. 50-318
 UNIT NAME Calvert Cliffs No. 2
 DATE October, 1984
 COMPLETED BY E. Bewley
 TELEPHONE (301) 787-5565

No.	Date	Type	Duration (Hours)	Reason	Method of Shutting Down Reactor	Licensee Event Report #	System Code	Component Code	Cause & Corrective Action to Prevent Recurrence
84-08	840914	F	156.8	A	1		RC	CRDRVE	Reduced power to less than 70% when CEA (3) dropped into the core. Shutdown commenced when the lift coil for the CE drive motor was found shorted.

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

09/77)

October 10, 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

SUMMARY OF UNIT 1 OPERATING EXPERIENCE FOR

SEPTEMBER 1984

- 9/1 At the beginning of this reporting period, Unit 1 was at 184 MWe with the reactor at 21% power escalating to 100%. Attained full load operation (849 MWe) at 0635.
- 9/29 At 0410 commenced reducing load to 731 MWe for testing of Main Turbine Control Valves and to perform maintenance on Amertap Screens. Resumed full load operation (869 MWe) at 2300.
- 9/30 At the end of this reporting period, Unit 1 was operating at 863 MWe with the reactor at 100% power.

SUMMARY OF UNIT 2 OPERATING EXPERIENCE FOR

SEPTEMBER 1984

- 9/1 At the beginning of this reporting period, Unit 2 was at 848 MWe with the reactor at 100% power.
- 9/6 Reduced load to 570 MWe at 2200 to allow shutdown of 21 Steam Generator Feed Pump to replace a leaking gasket on the electric speed controller.
- 9/7 Resumed full load operation (852 MWe) at 1500.
- 9/14 At 1218 commenced reducing power to less than 70% when Control Element Assembly (CEA) 3 dropped into the core. Reactor shutdown was commenced at 1447 when the lift coil for the Control Element Drive Motor was found shorted.
- 9/21 Resumed full load operation (849 MWe) at 2315.
- 9/29 Load was reduced at 0420 to 70% (610 MWe) as requested by the System Operator to facilitate 500 KV breaker maintenance.
- 9/30 Resumed full load operation (860 MWe) at 0010. At the end of this reporting period, Unit 2 was operating at 868 MWe with the reactor at 100% power.