

OPERATING DATA REPORT

DOCKET NO. 50-317
DATE 5-14-84
COMPLETED BY EVELYN BEWLEY
TELEPHONE (301) 787-5365

OPERATING STATUS *****

1. UNIT NAME : CALVERT CLIFFS NO. 1
2. REPORTING PERIOD * APRIL 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 * 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 *
9. POWER LEVEL TO WHICH RESTRICTED (NET MW) *
10. REASONS FOR RESTRICTIONS.

	MONTHLY *****	YR*TO*DATE *****	CUMULATIVE *****
11. HOURS IN REPORTING PERIOD	719.0	2903.0	78732.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	719.0	2732.9	62699.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1887.9
14. HOURS GENERATOR ON LINE	719.0	2716.1	61462.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1931326.	7221519.	151363814.
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	658080.	2468534.	49896019.
18. NET ELECTRICAL ENERGY GENERATED (MWH)	631871.	2366551.	47601516.
19. UNIT SERVICE FACTOR	100.0	93.6	78.1
20. UNIT AVAILABILITY FACTOR	100.0	93.6	78.1
21. UNIT CAPACITY FACTOR (USING MDC NET)	106.5	98.8	74.2
22. UNIT CAPACITY FACTOR (USING DER NET)	104.0	96.5	71.6
23. UNIT FORCED OUTAGE RATE	0.0	6.4	7.5
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		

8405220142 840430
PDR ADDCK 05000317
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OPERATING DATA REPORT

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 DATE 5-14-84
 COMPLETED BY EVELYN BEWLEY
 TELEPHONE (301) 787-5365

OPERATING STATUS *****

1. UNIT NAME : CALVERT CLIFFS NO. 2
2. REPORTING PERIOD * APRIL 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 * 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 *
9. POWER LEVEL TO WHICH RESTRICTED (NET MW) *
10. REASONS FOR RESTRICTIONS.

	MONTHLY *****	YR*10*DATE *****	CUMULATIVE *****
11. HOURS IN REPORTING PERIOD	719.0	2903.0	62087.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	468.0	2652.0	52579.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	957.8
14. HOURS GENERATOR ON LINE	428.0	2612.0	51727.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1107194.	6881107.	128722801.
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	365879.	2263762.	42333048.
18. NET ELECTRICAL ENERGY GENERATED (MWH)	346584.	2164181.	40367943.
19. UNIT SERVICE FACTOR	59.5	90.0	83.3
20. UNIT AVAILABILITY FACTOR	59.5	90.0	83.3
21. UNIT CAPACITY FACTOR (USING MDC NET)	58.4	90.4	79.3
22. UNIT CAPACITY FACTOR (USING DER NET)	57.0	88.2	76.9
23. UNIT FORCED OUTAGE RATE	10.9	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. 50-317
UNIT CALVERT CLIFFS NO. 1
DATE 5-14-84
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APRIL 1984

DAY AVERAGE DAILY POWER LEVEL
(MWE - NET)

1	881.
2	882.
3	882.
4	881.
5	882.
6	883.
7	861.
8	847.
9	875.
10	881.
11	882.
12	881.
13	882.
14	882.
15	880.
16	877.
17	879.
18	880.
19	880.
20	881.
21	879.
22	880.
23	883.
24	900.
25	892.
26	882.
27	882.
28	873.
29	844.
30	884.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-318
UNIT CALVERT CLIFFS NO. 2
DATE 5-14-84
COMPLETED BY EVELYN BEWLEY
TELEPHONE (301) 787-5365

APRIL 1984

AVERAGE DAILY POWER LEVEL
(MWE - NET)

1	842.
2	838.
3	839.
4	839.
5	839.
6	840.
7	841.
8	842.
9	840.
10	842.
11	840.
12	842.
13	843.
14	844.
15	349.
16	0.
17	90.
18	758.
19	829.
20	752.
21	0.
22	0.
23	0.
24	0.
25	0.
26	0.
27	0.
28	0.
29	0.
30	0.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April

DOCKET NO. 50-317
 UNIT NAME Calvert Cliffs No. 1
 DATE 5/15/84
 COMPLETED BY E. Bewley
 TELEPHONE (301) 787-5365

No.	Date	Type	Duration (Hours)	Reason ¹	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
									NOTE: 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
 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

(4/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-318
 UNIT NAME Calvert Cliffs No. 2
 DATE 5/15/84
 COMPLETED BY E. Bewley
 TELEPHONE (301) 787-5365

REPORT MONTH April

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Codes ⁵	Cause & Corrective Action to Prevent Recurrence
84-02	840415	F	52.3	A	1		CB	PUMPXX	Failure of 22B Reactor Coolant Pump Motor Surge Capacitor.
84-03	840421	S	237.8	C	1		XX	FUELXX	Refueling and general inspection.

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)

May 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) 796

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

May 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 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 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) 796

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

APRIL 1984

- 4/1 At the beginning of this reporting period, Unit 1 was operating at 881 MWe with the reactor at 100% power.
- 4/7 Reduced load to 860 MWe at 0005 for a Moderator Temperature Coefficient Measurement (MTCM).
- 4/8 At 1900 completed MTCM. Reduced load to 737 MWe at 2042 to test Main Turbine Control Valves.
- 4/9 Load was increased to 883 MWe at 0212.
- 4/28 Reduced load to 727 MWe at 2245 to test Main Turbine Control Valves.
- 4/29 Resumed full load operation (885 MWe) at 0401.
- 4/30 At the end of this reporting period, Unit 1 was operating at 884 MWe with the reactor at 100% power.

SUMMARY OF UNIT 2 OPERATING EXPERIENCE

APRIL 1984

- 4/1 At the beginning of this reporting period, Unit 2 was operating at 839 MWe with the reactor at 100% power.
- 4/15 The reactor was tripped at 1020 due to the failure of 22B Reactor Coolant Pump Motor Surge Capacitor. At 2040 commenced Core Physics Measurements.
- 4/17 At 1200 completed Core Physics Measurements and paralleled the unit at 1441.
- 4/19 Resumed full load operation (841 MWe) at 0800.
- 4/20 At 1530 commenced shutdown for the 5th scheduled refueling outage.
- 4/21 At 0117 the unit was taken off the line and the reactor shutdown at 0250.
- 4/22 The reactor was placed in cold shutdown at 1105.
- 4/30 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

FOSSIL POWER DEPARTMENT

May 15, 1984

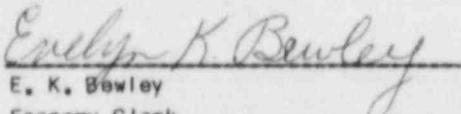
Director Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D.C. 20055

ATTENTION: Document Control Desk

Gentlemen:

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

Sincerely,


E. K. Bewley
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	

EML/bmw
wp/(NRC)

IE24
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