

OPERATING DATA REPORT

DOCKET NO. 50-317
 DATE 4-12-84
 COMPLETED BY EVELYN BEWLEY
 TELEPHONE (301) 787-5365

OPERATING STATUS *****

1. UNIT NAME : CALVERT CLIFFS NO. 1
2. REPORTING PERIOD * MARCH 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	744.0	2184.0	78013.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	618.4	2013.9	61980.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1887.9
14. HOURS GENERATOR ON LINE	607.5	1997.1	60743.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED(MWH)	1620646.	5290193.	149432488.
17. GROSS ELECTRICAL ENERGY GENERATED(MWH)	547785.	1810454.	49237939.
18. NET ELECTRICAL ENERGY GENERATED(MWH)	523596.	1734680.	46969645.
19. UNIT SERVICE FACTOR	81.7	91.4	77.9
20. UNIT AVAILABILITY FACTOR	81.7	91.4	77.9
21. UNIT CAPACITY FACTOR (USING MDC NET)	85.3	96.3	73.9
22. UNIT CAPACITY FACTOR (USING DER NET)	83.3	94.0	71.3
23. UNIT FORCED OUTAGE RATE	18.3	8.6	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

8404190371 840331
 PDR ADOCK 05000317
 R PDR

OPERATING DATA REPORT

DOCKET NO. 50-318
 DATE 4-12-84
 COMPLETED BY EVELYN BEWLEY
 TELEPHONE (301) 787-5365

OPERATING STATUS *****

1. UNIT NAME : CALVERT CLIFFS NO. 2
2. REPORTING PERIOD * MARCH 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*TO*DATE *****	CUMULATIVE *****
11. HOURS IN REPORTING PERIOD	744.0	2184.0	61368.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	2184.0	52111.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	957.8
14. HOURS GENERATOR ON LINE	744.0	2184.0	51299.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED(MWH)	1995055.	5773913.	127615607.
17. GROSS ELECTRICAL ENERGY GENERATED(MWH)	652581.	1897883.	41967169.
18. NET ELECTRICAL ENERGY GENERATED(MWH)	625072.	1817597.	40021359.
19. UNIT SERVICE FACTOR	100.0	100.0	83.6
20. UNIT AVAILABILITY FACTOR	100.0	100.0	83.6
21. UNIT CAPACITY FACTOR (USING MDC NET)	101.8	100.9	79.6
22. UNIT CAPACITY FACTOR (USING DER NET)	99.4	98.5	77.2
23. UNIT FORCED OUTAGE RATE	0.0	0.0	5.6
24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION) :			

No. 2 Plant is scheduled to begin a 10 week outage in April 1984 for refueling and a unit general inspection.

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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-317
 UNIT CALVERT CLIFFS NO. 1
 DATE 4-12-84
 COMPLETED BY EVELYN BEWLEY
 TELEPHONE (301) 787-5365

MARCH 1984

DAY AVERAGE DAILY POWER LEVEL
 (MWE - NET)

1	0.
2	0.
3	0.
4	0.
5	0.
6	33.
7	777.
8	881.
9	882.
10	881.
11	881.
12	883.
13	882.
14	882.
15	882.
16	882.
17	883.
18	867.
19	884.
20	883.
21	883.
22	876.
23	883.
24	883.
25	882.
26	882.
27	882.
28	883.
29	797.
30	880.
31	880.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-318
UNIT CALVERT CLIFFS NO. 2
DATE 4-12-84
COMPLETED BY EVELYN BEWLEY
TELEPHONE (301) 787-5365

MARCH 1984

DAY AVERAGE DAILY POWER LEVEL
(MWE - NET)

1	840.
2	840.
3	840.
4	838.
5	836.
6	839.
7	841.
8	842.
9	841.
10	843.
11	842.
12	840.
13	840.
14	843.
15	843.
16	845.
17	844.
18	846.
19	845.
20	844.
21	843.
22	844.
23	845.
24	844.
25	842.
26	842.
27	843.
28	840.
29	826.
30	818.
31	827.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March

DOCKET NO. 50-317
 UNIT NAME Calvert Cliffs No. 1
 DATE 4/12/84
 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
84-03	840228	F	136.5	A	4		CB	PUMPXX	Due to loss of two charging pumps and repair leaking pressurizer safety valve.

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 March

DOCKET NO. 50-318
 UNIT NAME Calvert Cliffs #2
 DATE 4/12/84
 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
									NOTE: No. 2 Unit experienced load reduction at various loads due to moisture separator reheater tube leaks.

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 March

DOCKET NO. 50-318
 UNIT NAME Calvert Cliffs #2
 DATE 4/12/84
 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
									NOTE: No. 2 Unit experienced load reduction at various loads due to moisture separator reheater tube leaks.

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

(1/77)

April 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

April 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

MARCH 1984

- 3/1 At the beginning of this reporting period, Unit 1 was shutdown while performing planned maintenance on one Pressurizer Safety Valve.
- 3/6 The Reactor was brought critical at 0534 and paralleled at 1628.
- 3/7 Resumed full load operation (875 MWe) at 1020.
- 3/18 Reduced load to 722 MWe at 0009 to test Main Turbine Control Valves. Resumed full load operation (882 MWe) at 0500.
- 3/29 Heavy wave action caused significant quantities of grass to be dislodged from the intake structure and collect in the condenser water boxes. The resulting increase in Condenser Delta T necessitated a power reduction (440 MWe) at 0220 to clean main condenser water boxes. Resumed full load operation (880 MWe) at 0500.
- 3/31 At the end of this reporting period, Unit 1 was operating at 882 MWe with the reactor at 100% power.

SUMMARY OF UNIT 2 OPERATING EXPERIENCE

MARCH 1984

- 3/1 At the beginning of this reporting period, Unit 2 was operating at 835 MWe with the reactor at 100% power.
- 3/29 Decreased load to 815 MWe at 0800 for Moderator Temperature Coefficient measurement.
- 3/31 Resumed full load operations (880 MWe) at 1650. At the end of this reporting period, Unit 2 was operating at 839 MWe with the reactor at 100%.



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

FOSSIL POWER DEPARTMENT

April 13, 1984

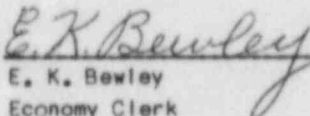
Director Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D.C. 20055

ATTENTION: Document Control Desk

Gentlemen:

Enclosed herewith is the March 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
1/1