

OPERATING DATA REPORT

DOCKET NO. 50-317
DATE 05-13-85
COMPLETED BY EVELYN BEWLEY
TELEPHONE (301) 787-5365

OPERATING STATUS *****

1. UNIT NAME : CALVERT CLIFFS NO. 1
2. REPORTING PERIOD * APRIL 1985
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	2879.0	87492.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	122.4	2196.3	69694.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	14.3	1999.4
14. HOURS GENERATOR ON LINE	119.0	2184.2	68355.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED(MWH)	292812.	5792566.	169575303.
17. GROSS ELECTRICAL ENERGY GENERATED(MWH)	99560.	1968684.	56012064.
18. NET ELECTRICAL ENERGY GENERATED(MWH)	91932.	1882872.	53439438.
19. UNIT SERVICE FACTOR	16.6	75.9	78.1
20. UNIT AVAILABILITY FACTOR	16.6	75.9	78.1
21. UNIT CAPACITY FACTOR (USING MDC NET)	15.5	79.3	74.7
22. UNIT CAPACITY FACTOR (USING DER NET)	15.1	77.4	72.3
23. UNIT FORCED OUTAGE RATE	0.0	4.2	8.3
24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION) : No. 1 plant started a planned outage for refueling and leak rate test as of Friday 4/5/85 and is expected to return to service Monday 6/10/85.			
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			

8505290135 850430
PDR ADOCK 05000317
R PDR

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1/1

OPERATING DATA REPORT

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 DATE 05-13-85
 COMPLETED BY EVELYN BEWLEY
 TELEPHONE (301) 787-5365

OPERATING STATUS *****

1. UNIT NAME : CALVERT CLIFFS NO. 2
2. REPORTING PERIOD * APRIL 1985
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	719.0	2879.0	70847.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	585.5	2745.5	59304.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	968.0
14. HOURS GENERATOR ON LINE	585.5	2745.5	58364.8
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED(MWH)	1572062.	7315017.	146035954.
17. GROSS ELECTRICAL ENERGY GENERATED(MWH)	527157.	2450011.	48108214.
18. NET ELECTRICAL ENERGY GENERATED(MWH)	503933.	2347186.	45889394.
19. UNIT SERVICE FACTOR	81.4	95.4	82.4
20. UNIT AVAILABILITY FACTOR	81.4	95.4	82.4
21. UNIT CAPACITY FACTOR (USING MDC NET)	85.0	98.8	78.9
22. UNIT CAPACITY FACTOR (USING DER NET)	82.9	96.5	76.7
23. UNIT FORCED OUTAGE RATE	18.6	4.6	6.0
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		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-317
UNIT CALVERT CLIFFS NO. 1
DATE 05-13-85
COMPLETED BY EVELYN BEWLEY
TELEPHONE (301) 787-5365

APRIL 1985

DAY AVERAGE DAILY POWER LEVEL
(MWE - NET)

1	837.
2	813.
3	810.
4	794.
5	712.
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.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-318
UNIT CALVERT CLIFFS NO. 2
DATE 05-13-85
COMPLETED BY EVELYN BEWLEY
TELEPHONE (301) 787-5365

APRIL 1985

DAY AVERAGE DAILY POWER LEVEL
(MWE - NET)

1	865.
2	863.
3	864.
4	865.
5	866.
6	860.
7	866.
8	864.
9	863.
10	863.
11	864.
12	865.
13	866.
14	863.
15	866.
16	882.
17	864.
18	864.
19	863.
20	863.
21	863.
22	859.
23	859.
24	859.
25	334.
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 5/14/85
 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
85-03	85-04-05	S	600.00	C	5		XX	FUELXX	Refueling and general inspection.

¹
 F- Forced
 S- Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of 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 C - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG 0161)

⁵
 Exhibit I - Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April

Docket No. 50 - 318
 UNIT NAME Galvert Cliffs No. 2
 DATE 5/14/85
 COMPLETED BY E. Bewley
 TELEPHONE (301) 787-5365

No.	Date	Type	Duration (Hours)	Reason	Method of Shutting Down Reactor	Licensee Event Report #	System Code	Component Code	Cause & Corrective Action to Prevent Recurrence
85-02	85-04-25	F	133.5	A	1		CB	PUMPXX	#21A Reactor Coolant Pump shaft seal experienced excessive bleed off flow. It was replaced.

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

May 6, 1985

REFUELING INFORMATION REQUEST

1. Name of Facility: Calvert Cliffs Nuclear Power Plant, Unit No. 1
2. Scheduled date for next Refueling Shutdown: April 6, 1985
3. Scheduled date for restart following refueling: May 25, 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 22, 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) 940

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 6, 1985

REFUELING INFORMATION REQUEST

1. Name of Facility: Calvert Cliffs Nuclear Power Plant, Unit No. 2.
2. Scheduled date for next refueling shutdown: October 5, 1985.
3. Scheduled date for restart following refueling: December 8, 1985.
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.

September 2, 1985

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) 940

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 FOR

APRIL 1985

- 4/1 At the beginning of this reporting period, Unit 1 was at 838 MWe with the reactor at 95.7% power during power coastdown for the 7th scheduled refueling.
- 4/5 Commenced shutdown for the 7th scheduled refueling outage. The unit was removed from the grid at 2305.
- 4/6 The reactor was shutdown at 0222.
- 4/7 The unit was placed in cold shutdown at 0400.
- 4/19 Commenced refueling at 1315.
- 4/26 Completed refueling at 1657.
- 4/30 At the end of this reporting period, Unit 1 was shutdown for its 7th scheduled refueling outage.

SUMMARY OF UNIT 2 OPERATING EXPERIENCE FOR

APRIL 1985

- 4/1 At the beginning of this reporting period, Unit 2 was at 866 MWe with the reactor at 100% power.
- 4/6 Commenced power reduction at 1901 when 22 Heater Drain Tank High Level Dump Valve air line parted. Load had been reduced to 857 MWe when repairs were completed at 1930. Resumed full load operation (865 MWe) at 2030.
- 4/25 At 0932 the unit was manually tripped when 21A Reactor Coolant Pump shaft seal experienced excessive controlled bleed off flow.
- 4/30 At the end of this reporting period, Unit 2 was shutdown while replacing the shaft seals on 21A Reactor Coolant Pump.



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

FOSSIL POWER DEPARTMENT

May 14, 1985

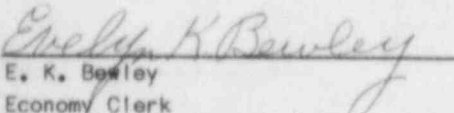
Director Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D.C. 20055

ATTENTION: Document Control Desk

Gentlemen:

Enclosed herewith is the April 1985 - Operation Status Report for Calvert Cliffs No. 1 Unit, (Docket 50-317) and Calvert Cliffs No. 2 Unit, (Docket 50-318).

Sincerely,


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

Enclosure

cc: Messrs	E. Wenzinger	T. Foley
	R. R. Mills	L. Russell
	P. Ross	P. Sierer, Jr.
	M. Beebe	T. Ruszin, Jr.
	D. Reilly	R. Ash
	T. Magette	J. Tiernan
	A. Lundvall	K. Gibbard

EKB/cmj
wp/NRC

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