

OPERATING DATA REPORT

DOCKET NO. 50-317  
 DATE 02-13-85  
 COMPLETED BY EVELYN BEWLEY  
 TELEPHONE (301) 787-5365

OPERATING STATUS  
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1. UNIT NAME : CALVERT CLIFFS NO. 1
2. REPORTING PERIOD \* JANUARY 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	744.0	744.0	85357.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	672.2	672.2	68170.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1985.1
14. HOURS GENERATOR ON LINE	667.7	667.7	66838.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED(MWH)	1778664.	1778664.	165561401.
17. GROSS ELECTRICAL ENERGY GENERATED(MWH)	602682.	602682.	54646062.
18. NET ELECTRICAL ENERGY GENERATED(MWH)	576179.	576179.	52132745.
19. UNIT SERVICE FACTOR	89.7	89.7	78.3
20. UNIT AVAILABILITY FACTOR	89.7	89.7	78.3
21. UNIT CAPACITY FACTOR (USING MDC NET)	93.9	93.9	74.8
22. UNIT CAPACITY FACTOR (USING DER NET)	91.6	91.6	72.3
23. UNIT FORCED OUTAGE RATE	10.3	10.3	8.4
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

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OPERATING DATA REPORT

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 TELEPHONE (301) 787-5365

OPERATING STATUS  
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1. UNIT NAME : CALVERT CLIFFS NO. 2
2. REPORTING PERIOD \* JANUARY 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	744.0	744.0	68712.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	744.0	57302.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	968.0
14. HOURS GENERATOR ON LINE	744.0	744.0	56363.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED(MWH)	1954073.	1954073.	140675010.
17. GROSS ELECTRICAL ENERGY GENERATED(MWH)	656341.	656341.	46314544.
18. NET ELECTRICAL ENERGY GENERATED(MWH)	629123.	629123.	44171331.
19. UNIT SERVICE FACTOR	100.0	100.0	82.0
20. UNIT AVAILABILITY FACTOR	100.0	100.0	82.0
21. UNIT CAPACITY FACTOR (USING MDC NET)	102.5	102.5	78.4
22. UNIT CAPACITY FACTOR (USING DER NET)	100.1	100.1	76.1
23. UNIT FORCED OUTAGE RATE	0.0	0.0	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 02-13-85  
COMPLETED BY EVELYN BEWLEY  
TELEPHONE (301) 787-5365

JANUARY 1985  
\*\*\*\*\*

DAY      AVERAGE DAILY POWER LEVEL  
          (MWE - NET)

1	880.
2	879.
3	879.
4	879.
5	880.
6	878.
7	831.
8	879.
9	874.
10	880.
11	880.
12	879.
13	880.
14	881.
15	878.
16	645.
17	0.
18	0.
19	0.
20	655.
21	873.
22	876.
23	876.
24	877.
25	879.
26	872.
27	872.
28	875.
29	879.
30	877.
31	878.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-318  
UNIT CALVERT CLIFFS NO. 2  
DATE 02-13-85  
COMPLETED BY EVELYN BEWLEY  
TELEPHONE (301) 787-5365

JANUARY 1985  
\*\*\*\*\*

DAY      AVERAGE DAILY POWER LEVEL  
          (MWE - NET)

1	872.
2	871.
3	868.
4	868.
5	871.
6	870.
7	870.
8	865.
9	866.
10	867.
11	851.
12	801.
13	866.
14	867.
15	869.
16	864.
17	864.
18	867.
19	865.
20	867.
21	866.
22	866.
23	867.
24	868.
25	867.
26	868.
27	868.
28	867.
29	867.
30	442.
31	699.

**UNIT SHUTDOWNS AND POWER REDUCTIONS**

DCKET NO. 50-317  
 UNIT NAME Calvert Cliffs No. 1  
 DATE 2/14/85  
 COMPLETED BY E. Bowley  
 TELEPHONE (301)787-5365

REPORT MONTH January

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
85-01	85-01-16	F	76.3	A	1		GE	VESSEL	Shutdown commenced when both Safety Injection Headers were declared inoperable due to Safety Injection Tank Check Valve leakage.

<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

LICENSE NO. 50-318  
 UNIT NAME Cabert Cliffs No. 2  
 DATE 2/14/85  
 COMPLETED BY E. Bewley  
 TELEPHONE (301)787-5365

REPORT MONTH January

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
85-01	85-01-30	F	32.8	A	B		CB	PUMPXX	Load reduction to investigate a reactor coolant leak in the vicinity of the 22B Reactor Coolant Pump.

<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

(1/77)

February 5, 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 not require changes to Technical Specifications.

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

February 5, 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) 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 FOR  
JANUARY 1985

- 1/1 At the beginning of this reporting period, Unit 1 was at 880 MWe with the reactor at 100% power.
- 1/7 Commenced load reduction to 835 MWe at 0020 when 12 Heater Drain Tank normal level control valve stem sheared. Resumed full load operation (877 MWe) at 1900.
- 1/16 Shutdown was commenced at 1640 when both Safety Injection Headers were declared inoperable due to Safety Injection Tank Check Valve leakage. At 1835 the unit was removed from the grid and the reactor was shutdown.
- 1/19 Commenced start-up at 1755. At 1825 the reactor was taken critical. The unit was paralleled at 2258.
- 1/20 Reached full power (868 MWe) at 1300.
- 1/31 At the end of this reporting period, Unit 1 was at 878 MWe with the reactor at 100% power.

SUMMARY OF UNIT 2 OPERATING EXPERIENCE FOR  
JANUARY 1985

- 1/1 At the beginning of this reporting period, Unit 2 was operating at 872 MWe with the reactor at 100% power.
- 1/11 Commenced load reduction to 682 MWe at 2130 when circulating water flow was reduced when an influx of fish caused the failure of the shear pins on 23A and 23B traveling screens.
- 1/12 Resumed full load operation (869 MWe) at 0400. At 0545 reduced power to 750 MWe to test main turbine control valves and to allow Amertap screen work. Resumed full load operation (865 MWe) at 1945.
- 1/30 Commenced load reduction to 19 MWe at 0710 to investigate a reactor coolant leak in the vicinity of 22B Reactor Coolant Pump.
- 1/31 Resumed full load operation (858 MWe) at 1010 after isolating a reactor coolant leak on 22B Reactor Coolant Pump lower shaft seal transmitter. At the end of this reporting period, Unit 2 was at 863 MWe with the reactor at 100% power.



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

FOSSIL POWER DEPARTMENT

February 14, 1985

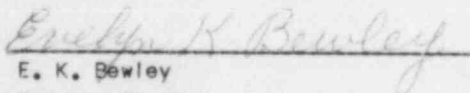
Director Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20055

ATTENTION: Document Control Desk

Gentlemen:

Enclosed herewith is the January 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. Bewley  
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 L. M. Skoczynski  
D. Reilly R. Ash  
T. Magette J. Tiernan  
A. Lundvall K. Gibbard

EKB/kic  
wp/NRC

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11