[illegible]

[illegible]

[illegible]
[illegible]
[illegible]

OPERATING STATUS
****

1. UNIT NAME : CALV CLIFFS NO. 1

2. REPORTING PERIOD : AUGUST 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 : 890

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 MWE) :

10. REASONS FOR RESTRICTIONS.

	MONTHLY	YR-TO-DATE	CUMULATIVE
	*******	**********	**********
11. HOURS IN REPORTING PERIOD	744.0	5855.0	81624.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	713.5	5757.4	57019.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1897.7
14. HOURS GENERATOR ON-LINE	672.4	4963.5	56735.4
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED(MWH)	1770910.	13242324.	137384614.
17. GROSS ELECTRICAL ENERGY GENERATED(MWH)	584580.	4457181.	47394650.
18. NET ELECTRICAL ENERGY GENERATED(MWH)	557184.	4276253.	44537236.
19. UNIT SERVICE FACTOR	90.4	84.8	70.0
20. UNIT AVAILABILITY FACTOR	90.4	84.8	70.0
21. UNIT CAPACITY FACTOR (USING MDC NET)	90.8	88.4	74.3
22. UNIT CAPACITY FACTOR (USING DER NET)	88.5	86.4	71.7
23. UNIT FORCED OUTAGE RATE	9.6	14.6	9.4

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. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION)

	FORECAST	ACHIEVED
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

RE 24
1/1

OPERATING DATA REPORT

DOCKET NO. 50-317
DATE 09-13-84
COMPLETED BY EVELYN GRACEY
TELEPHONE (301) 787-5283

OPERATING STATUS

1. UNIT NAME : CALVERT CLIFFS NO. 2
2. REPORTING PERIOD : AUGUST 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 MWE) :
10. REASONS FOR RESTRICTIONS :

	MONTHLY	YR-TO-DATE	CUMULATIVE
	*******	**********	**********
11. HOURS IN REPORTING PERIOD	744.0	5855.0	50039.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	570.2	3904.5	37772.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	457.3
14. HOURS GENERATOR ON-LINE	570.1	3755.9	37071.1
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1443777.	9930792.	97153193.
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	539951.	3730690.	32429944.
18. NET ELECTRICAL ENERGY GENERATED (MWH)	514529.	3543304.	31239175.
19. UNIT SERVICE FACTOR	76.7	64.1	74.3
20. UNIT AVAILABILITY FACTOR	76.7	64.1	74.3
21. UNIT CAPACITY FACTOR (USING MDC NET)	83.8	73.8	77.3
22. UNIT CAPACITY FACTOR (USING DER NET)	81.8	71.3	75.0
23. UNIT FORCED OUTAGE RATE	16.3	5.2	5.1

24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION) :

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP :
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION)

	FORECAST	ACHIEVED
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

DOCKET NO. 50-417
UNIT CALVERT CLIFFS NO. 1
DATE 05-13-04
COMPLETED BY KELLY A. DALEY
TELEPHONE (301) 787-5345

AUGUST 1984

DAY	AVERAGE DAILY POWER LEVEL (MWE - NET)
1	849.
2	874.
3	851.
4	841.
5	827.
6	854.
7	854.
8	853.
9	852.
10	853.
11	844.
12	816.
13	840.
14	840.
15	737.
16	845.
17	843.
18	736.
19	737.
20	845.
21	834.
22	731.
23	845.
24	831.
25	731.
26	831.
27	832.
28	777.
29	32.
30	0.
31	0.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-[illegible]
UNIT CALVERT CLIFFS NO. 2
DATE 08-13-[illegible]
COMPLETED BY [illegible]
TELEPHONE (301) 787-5363

AUGUST 1984

DAY	AVERAGE DAILY POWER LEVEL (MWE - NET)
1	86[illegible]
2	[illegible]
3	[illegible]
4	[illegible]
5	[illegible]
6	[illegible]
7	[illegible]
8	[illegible]
9	0
10	0
11	0
12	0
13	[illegible]
14	[illegible]
15	[illegible]
16	[illegible]
17	[illegible]
18	[illegible]
19	[illegible]
20	[illegible]
21	[illegible]
22	[illegible]
23	[illegible]
24	[illegible]
25	[illegible]
26	[illegible]
27	[illegible]
28	[illegible]
29	[illegible]
30	[illegible]
31	[illegible]

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-318
UNIT NAME Calvert Cliffs
DATE 9/14/84
COMPLETED BY E. Bewley
TELEPHONE (301)787-5365

REPORT MONTH August

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
84-07	840809	F	113.9	A	1		CB	PUMPXX	Leak in 22B Reactor Coolant Pump Control bleed off line weld.

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

DOCKET NO. 50-317
UNIT NAME Calvert Cliff No.1
DATE 9/14/84
COMPLETED BY E. Bewley
TELEPHONE (301)787-5365

REPORT MONTH August

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
84-06	840828	F	71.6	A	1		XX	ZZZZZZ	Reduction of main circulating water flow caused by impingement of a large number of fish on the traveling screens.

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)

September 6, 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

September 6, 1984

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 AUGUST 1984

8/1 At the beginning of this reporting period, Unit 1 was operating at 855 MWe with the reactor at 100% power. Load was reduced to 780 MWe at 2025 to clean main condenser water boxes.

8/2 Resumed full load operations (858 MWe) at 0930.

8/4 Reduced load to 710 MWe at 2320 to clean main conderser water boxes.

8/5 Resumed full load operation (853 MWe) at 0600.

8/11 Reduced load to 710 MWe at 2305 to clean main condenser water boxes.

8/12 Resumed full load operation (854 MWe) at 0755.

8/14 Reduced load to 678 MWe at 2206 to clean main condenser water boxes.

8/15 Resumed full load operation (847 MWe) at 0910.

8/18 Reduced load to 670 MWe at 2110 to clean main condenser water boxes.

8/19 Resumed full load operation (851 MWe) at 0840.

8/21 Reduced load to 670 MWe at 0300 to clean main condenser water boxes. Resumed full load operation (841 MWe) at 1000. Reduced load to 674 MWe at 2208 to clean main condenser water boxes.

8/22 Resumed full load operation (844 MWe) at 1145. AT 1248 Control Element Assembly (CEA) #2 dropped to the bottom of the core while troubleshooting it s coil power programmer circuit. Power was reduced to less than 70% (562 MWe). Repairs were completed at 1428 and resumed full load operation (849 MWe) at 1825.

8/24 Reduced load to 720 MWe at 2135 to clean main condenser water boxes.

8/25 Resumed full load operation (849 MWe) at 1210.

8/28 At 2158 the reactor was manually tripped due to the reduction of main circulating water flow caused by impingement of a large number of fish on the traveling screens.

SUMMARY OF UNIT 1 OPERATING EXPERIENCE FOR

AUGUST 1984 (Continued)

8/30 The reactor was started up and entered mode 1 at 1600. Startup of the main turbine was delayed by a grounded speed sensing probe which prevented the turbine intercept valves from opening.

8/31 At 1500 placed the unit in mode 2. At 1955 placed the unit in mode 1 and paralleled the unit at 2135. At the end of this reporting period, Unit 1 was operating at 184 MWe with the reactor at 21% power escalating to 100%.

SUMMARY OF UNIT 2 OPERATING EXPERIENCE FOR

AUGUST 1984

8/1 At the beginning of this reporting period, Unit 2 was operating at 855 MWe with the reactor at 100% power.

8/8 Commenced shutdown at 2158 due to reactor coolant system leakage from 22B Reactor Coolant Pump controlled bleed off line weld.

8/14 Resumed full load operation (833 MWe) at 2000.

8/15 Reduced load to 698 MWe at 2230 to clean main condenser water boxes.

8/16 Resumed full load operation (840 MWe) at 0630. Load was reduced to 786 MWe at 2320 when 21 Heater Drain Tank High Level Dump Valve failed open.

8/17 While returning to full load operation at 0209 26 circulating water pump tripped due to a failed control transformer. Load was reduced to 613 MWe. Resumed full load operation (826 MWe) at 1215.

8/18 Reduced load to 693 MWe at 0614 to clean main condenser water boxes. Resumed full load operation (832 MWe) at 1310. Reduced load to 693 MWe at 2107 to clean main condenser water boxes.

8/19 Resumed full load operation (853 MWe) at 0915.

8/22 Reduced load to 655 MWe at 0225 to clean main condenser water boxes. Resumed full load operation (847 MWe) at 0910. Reduced load to 736 MWe at 2205 to clean main condenser water boxes.

8/23 Resumed full load operation (842 MWe) at 0900.

8/25 At 2110 load was reduced to 700 MWe to facilitate testing of the main turbine throttle and governor valves and to clean condenser water boxes.

8/26 Resumed full load operation (847 MWe) at 0845.

8/31 At the end of the reporting period, Unit 2 was operating at 848 MWe with the reactor at 100% power.

BALTIMORE
GAS AND
ELECTRIC

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

FOSSIL POWER DEPARTMENT

September 14, 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 August 1984 - Operation Status Report for Calvert Cliffs No. 1 Unit, (Docket 50-317) and Calvert Cliffs No. 2 Unit, (Docket 50-318).

Sincerely,

Evelyn K Bewley

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

Enclosure

cc: Messrs E. Wenzinger
R. R. Mills
P. Ross
M. Beebe
D. Reilly
T. Magette
A. Lundvall
T. Foley
L. Russell
P. Sierer, Jr.
B. H. Amoss, II
R. Ash
J. Tiernan
D. Reilly

EML/bmw
wp/(NRC)

IE24
1/1