



CALVERT CLIFFS NUCLEAR POWER PLANT
1550 CALVERT CLIFFS PARKWAY • LUSBY, MARYLAND 20657-4702

CHARLES H. CRUSE
PLANT GENERAL MANAGER
CALVERT CLIFFS

November 13, 1992

U. S. Nuclear Regulatory Commission
Washington, DC 20555

ATTENTION: Document Control Desk

SUBJECT: Calvert Cliffs Nuclear Power Plant
Unit Nos. 1 & 2; Docket Nos. 50-317 & 50-318
October 1992 Operating Data Reports

Gentlemen:

The subject reports are being sent to you as required by Technical Specification 6.9.1.6.

Should you have any questions, please contact Mr. Bruce Mrowca at (410) 260-3989.

Very truly yours,

CHC/LBS/bjd

Attachments

cc: D. A. Bruce, Esquire
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UNIT 1

OPERATING DATA REPORT

Docket No. 50-317
November 13, 1992
Prepared by Leo Shanley
Telephone: (410) 260-6744

OPERATING STATUS

1. UNIT NAME	Calvert Cliffs Unit 1
2. REPORTING PERIOD	OCTOBER 1992
3. LICENSED THERMAL POWER (MWT)	2700
4. NAMEPLATE RATING (GROSS MWe)	918
5. DESIGN ELECTRICAL RATING (NET MWe)	845
6. MAXIMUM DEPENDABLE CAP'Y (GROSS MWe)	860
7. MAXIMUM DEPENDABLE CAP'Y (NET MWe)	825
8. CHANGE IN CAPACITY RATINGS	NONE
9. POWER LEVEL TO WHICH RESTRICTED	N/A
10. REASONS FOR RESTRICTIONS	N/A

	This month	Year-to-Date	Cumulative to Date
11. HOURS IN REPORTING PERIOD	745	7,320	153,277
12. NUMBER OF HOURS REACTOR WAS CRITICAL	745.0	3,623.2	106,923.0
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	3,019.4
14. HOURS GENERATOR ON LINE	723.8	3,520.9	104,571.4
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,897,433	9,173,169	263,509,676
17. GROSS ELECTRICAL ENERGY GEN'ED (MWH)	629,386	3,025,071	87,560,759
18. NET ELECTRICAL ENERGY GENERATED (MWH)	603,295	2,897,929	83,253,434
19. UNIT SERVICE FACTOR	97.2	48.1	68.2
20. UNIT AVAILABILITY FACTOR	97.2	48.1	68.2
21. UNIT CAPACITY FACTOR (USING MDC NET)	98.2	48.0	65.8
22. UNIT CAPACITY FACTOR (USING DER NET)	95.8	46.9	64.3
23. UNIT FORCED OUTAGE RATE	0.0	3.8	9.3
24. SHUTDOWNS SCHEDULED OVER THE NEXT			

SIX MONTHS (TYPE, DATE AND DURATION):
N/A

25. IF SHUTDOWN AT END OF REPORT PERIOD,
ESTIMATED DATE OF START-UP:
N/A

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-317
 UNIT NAME Calvert Cliffs-U1
 DATE November 13, 1992
 COMPLETED BY Lec. Shanley
 TELEPHONE (410)260-6744

REPORT MONTH October 1992

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
92-07	921004	F	0.0	A	5	N/A	SM	RV	Reduced power to repair 14A Low Pressure Feedwater Heater (LPFW) tube side relief valve.
92-08	921007	F	0.0	A	5	N/A	SM	RV	Reduced power to repair 15A Low Pressure Feedwater Heater (LPFW) tube side relief valve.
92-09	921009	S	21.2	B	9	N/A	AB	MO	Unit taken off the grid for maintenance outage to work on 11B Reactor Coolant Pump Lube Oil System, LPFW relief valves and other equipment.

¹ F: Forced
 S: Scheduled

² Reason:
 A - Equipment Failure
 B - Maintenance or Test
 C - Refueling
 D - Regulatory Restriction
 E - Operator Training & License Examination
 F - Administrative
 G - Operational Error
 H - Other

³ Method:
 1 - Manual
 2 - Manual Scram.
 3 - Automatic Scram.
 4 - Continued
 5 - Reduced Load
 9 - Other

⁴ IEEE Standard 805-1984

⁵ IEEE Standard 803A-1983

AVERAGE DAILY UNIT POWER LEVEL

Docket No. 50-317
Calvert Cliffs Unit No. 1
November 13, 1992
Prepared by Leo Shanley
Telephone: (410) 260-6744

OCTOBER 1992

Day	Average Daily Power Level (MWe-Net)	Day	Average Daily Power Level (MWe-Net)
1	862	17	859
2	859	18	860
3	855	19	861
4	739	20	863
5	742	21	863
6	859	22	864
7	806	23	864
8	696	24	864
9	854	25	865
10	48	26	865
11	518	27	865
12	862	28	865
13	865	29	865
14	862	30	868
15	858	31	868
16	858		

DOCKET NO. 50-317
CALVERT CLIFFS - UNIT 1
November 13, 1992

SUMMARY OF OPERATING EXPERIENCE

October 1992

The unit began the month at 100% (860 MWe).

Power was reduced to 75% (650 MWe) from 1130 on October 4 to 1730 on October 5 while repairing 14A Low Pressure Feedwater Heater (LPFW) tube side relief valve (RV).

Power was reduced to approximately 80% (655 MWe) from 2000 on October 7 to 0025 on October 9 while repairing 15A LPFW tube side RV.

A power reduction was commenced at 2330 on October 9 for a scheduled maintenance outage. The unit was off the grid from 0424, October 10 until 0136, October 11. Work included:

- ♦ Location and repair of oil leak on 11B Reactor Coolant Pump (RCP).
- ♦ Installation of remote fill system for RCP oil.
- ♦ Repair of 13A and 15A LPFW RVs, and
- ♦ Waterbox cleaning, instrument calibration and Main Generator Stator Cooling maintenance.

The unit returned to 100% (840 MWe) at 1500 on October 11.

The unit ended the month at 100% (865 MWe).

November 6, 1992

REFUELING INFORMATION REQUEST

1. Name of facility: Calvert Cliffs Nuclear Power Plant, Unit No. 1.
2. Scheduled date for next refueling shutdown: March 5, 1994.
3. Scheduled date for restart following refueling: May 17, 1994.
4. Will refueling or resumption of operation thereafter require a Technical Specification change or other license amendment?

None identified at this time.

5. Scheduled date(s) for submitting proposed licensing action and supporting information.

December 1993 for UIC12.

6. Important licensing considerations associated with the refueling.

None identified at this time.

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool.
(a) 217. (b) 1410.

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) 2880.

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.

March 1993

UNIT 2

OPERATING DATA REPORT

Docket No. 50-318
November 13, 1992
Prepared by Leo Shanley
Telephone: (410) 260-6744

OPERATING STATUS

1. UNIT NAME	Calvert Cliffs Unit 2
2. REPORTING PERIOD	OCTOBER 1992
3. LICENSED THERMAL POWER (MWT)	2700
4. NAMEPLATE RATING (GROSS MWe)	918
5. DESIGN ELECTRICAL RATING (NET MWe)	845
6. MAXIMUM DEPENDABLE CAP'Y (GROSS MWe)	860
7. MAXIMUM DEPENDABLE CAP'Y (NET MWe)	825
8. CHANGE IN CAPACITY RATINGS	NONE
9. POWER LEVEL TO WHICH RESTRICTED	N/A
10. REASONS FOR RESTRICTIONS	N/A

	This month	Year-to-Date	Cumulative to Date
11. HOURS IN REPORTING PERIOD	745	7,320	135,632
12. NUMBER OF HOURS REACTOR WAS CRITICAL	680.5	6,460.1	98,500.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1,296.6
14. HOURS GENERATOR ON LINE	674.8	6,395.6	97,117.8
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,796,165	17,066,345	247,205,651
17. GROSS ELECTRICAL ENERGY GEN'TED (MWH)	583,792	5,576,248	81,660,629
18. NET ELECTRICAL ENERGY GENERATED (MWH)	558,440	5,344,852	78,023,000
19. UNIT SERVICE FACTOR	90.6	87.4	71.1
20. UNIT AVAILABILITY FACTOR	90.6	87.4	71.1
21. UNIT CAPACITY FACTOR (USING MDC NET)	90.9	88.5	69.2
22. UNIT CAPACITY FACTOR (USING DER NET)	88.7	86.4	67.6
23. UNIT FORCED OUTAGE RATE	9.4	12.6	6.1
24. SHUTDOWNS SCHEDULED OVER THE NEXT			

SIX MONTHS (TYPE, DATE AND DURATION):

Refueling, February 19, 1993 for 108 days

25. IF UNIT IS SHUTDOWN AT END OF REPORT PERIOD,
ESTIMATED DATE OF START-UP:
N/A

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-318
 UNIT NAME Calvert Cliffs-U2
 DATE November 13, 1992
 COMPLETED BY Leo Shanley
 TELEPHONE (410)260-6744

REPORT MONTH October 1992

NO.	DATE	TYPE ¹	DURATION (HOURS)	REASGN ²	METHOD OF SHUTTING DOWN REACTOR ³	LICENSEE EVENT REPORT #	SYSTEM CODE ⁴	COMPONENT CODE ⁵	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
92-10	920929	F	70.2	A	2	92-007	SB	RV	Outage continued from last month.
92-11	921018	F	0.0	A	5	N/A	EC	BKR	Power reduced to facilitate repairs to a 480 volt breaker. 22 SGFP taken off-line to prevent a possible trip while working in the 48C Volt MCC.

¹ F: Forced
 S: Scheduled

² Reason:
 A - Equipment Failure
 B - Maintenance or Test
 C - Refueling
 D - Regulatory Restriction
 E - Operator Training & License Examination
 F - Administrative
 G - Operational Error
 H - Other

³ Method:
 1 - Manual
 2 - Manual Scram.
 3 - Automatic Scram.
 4 - Continued
 5 - Reduced Load
 9 - Other

⁴ IEEE Standard 805-1984

⁵ IEEE Standard 803A-1983

AVERAGE DAILY UNIT POWER LEVEL

Docket No. 50-318
Calvert Cliffs Unit No. 2
November 13, 1992
Prepared by Leo Shanley
Telephone: (410) 260-6744

OCTOBER 1992

Day	Average Daily Power Level (MWe-Net)	Day	Average Daily Power Level (MWe-Net)
1	0	17	842
2	0	18	774
3	0	19	845
4	695	20	847
5	838	21	846
6	841	22	846
7	843	23	846
8	842	24	845
9	840	25	846
10	838	26	845
11	842	27	846
12	836	28	842
13	835	29	845
14	838	30	840
15	841	31	731
16	841		

DOCKET NO. 50-318
CALVERT CLIFFS - UNIT 2
November 13, 1992

SUMMARY OF OPERATING EXPERIENCE

October 1992

The unit began the month in Hot Shutdown (Mode 4) awaiting repairs to 23 Moisture Separator Reheater (MSR) relief valve.

Reactor Coolant system heatup was commenced at 2030 on October 2. The reactor was taken critical at 1633 on October 3 and paralleled at 2215.

Power was raised to 88% and held there from 0605 to 1415 on October 4 to repair 21 Heater Drain Tank Normal Level Control Valve (NLCV). The unit reached 100% (835 MWe) at 1730.

Power was reduced to 60% from 1510 to 1540 on October 18 to allow for the removal of 22 Steam Generator Feed Pump (SGFP) from service. This was to prevent a loss of feed during maintenance in the 480 Volt MCC which provides power to the SGFP Control System. Power was returned to 100% at 2140.

Power was reduced to 88% (730 MWe) at 0245 on October 31 for Main Turbine valve testing, waterbox cleaning and repairs to 21 Heater Drain Tank NLCV.

The unit ended the month at 90% (750 MWe).

November 6, 1992

REFUELING INFORMATION REQUEST

1. Name of facility: **Calvert Cliffs Nuclear Power Plant, Unit No. 2**
2. Scheduled date for next refueling shutdown: **February 19, 1993.***
3. Scheduled date for restart following refueling: **May 31, 1993.***
4. Will refueling or resumption of operation thereafter require a Technical Specification change or other license amendment?

No.*

5. Scheduled date(s) for submitting proposed licensing action and supporting information.

None required.*

6. Important licensing considerations associated with the refueling.
The target length for this cycle will be 570 effective full power days.

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool.
(a) 217. (b) 1410.

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) 2880.

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.

March 1993

***Entry has changed since last reported.**