



CALVERT CLIFFS NUCLEAR POWER PLANT
1650 CALVERT CLIFFS PARKWAY • LUSBY, MARYLAND 20657-4702

CHARLES H. CRUSE
PLANT GENERAL MANAGER
CALVERT CLIFFS

February 12, 1993

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
January 1993 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. Brune, Esquire
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R. A. Capra, NRC
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R PDR

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UNIT 1

OPERATING DATA REPORT

Docket No. 50-317
February 12, 1993
Prepared by Leo Shanley
Telephone: (410) 260-6744

OPERATING STATUS

1. UNIT NAME	Calvert Cliffs Unit 1
2. REPORTING PERIOD	JANUARY 1993
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
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11. HOURS IN REPORTING PERIOD	744	744	155,485
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	744.0	109,094.0
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	3,019.4
14. HOURS GENERATOR ON LINE	744.0	744.0	106,722.9
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,004,526	2,004,526	269,283,377
17. GROSS ELECTRICAL ENERGY GEN'TED (MWH)	673,316	673,316	89,500,850
18. NET ELECTRICAL ENERGY GENERATED (MWH)	647,026	647,026	85,116,412
19. UNIT SERVICE FACTOR	100.0	100.0	68.6
20. UNIT AVAILABILITY FACTOR	100.0	100.0	68.6
21. UNIT CAPACITY FACTOR (USING MDC NET)	105.4	105.4	66.4
22. UNIT CAPACITY FACTOR (USING DER NET)	102.9	102.9	64.8
23. UNIT FORCED OUTAGE RATE	0.0	0.0	9.2
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 February 12, 1993
 COMPLETED BY Leo Shanley
 TELEPHONE (410)260-6744

REPORT MONTH January 1993

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
									There were no significant power reductions this month.

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
 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
February 12, 1993
Prepared by Leo Shanley
Telephone: (410) 260-6744

JANUARY 1993

Day	Average Daily Power Level (MWe-Net)	Day	Average Daily Power Level (MWe-Net)
1	870	17	869
2	870	18	869
3	869	19	871
4	869	20	874
5	870	21	874
6	870	22	875
7	867	23	876
8	868	24	876
9	818	25	875
10	868	26	875
11	869	27	875
12	869	28	875
13	868	29	875
14	869	30	874
15	868	31	874
16	869		

DOCKET NO. 50-317
CALVERT CLIFFS - UNIT 1
February 12, 1993

SUMMARY OF OPERATING EXPERIENCE

January 1993

The unit began the month at 100% (870 MWe).

Power was reduced from 0015 to 2125 on January 9 to clean Main Condenser waterboxes and test Main Turbine valves.

The unit ended the month at 100% (875 MWe).

February 5, 1993

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:
None identified at this time.
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 U1C12.
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) 4710. (NOTE 1) (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.

March 2014*

*Entry changed since last reported.

NOTE 1: 4710 total licensed site storage capacity.
(1830 pool + 2880 ISFSI)

UNIT 2

OPERATING DATA REPORT

Docket No. 50-318
February 12, 1993
Prepared by Leo Shanley
Telephone: (410) 260-6744

OPERATING STATUS

1. UNIT NAME	Calvert Cliffs Unit 2
2. REPORTING PERIOD	JANUARY 1993
3. LICENSED THERMAL POWER (MWT)	2700
4. NAMEPLATE RATING (GROSS MWe)	911
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	744	744	138,840
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	744.0	100,708.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1,296.6
14. HOURS GENERATOR ON LINE	744.0	744.0	99,325.8
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,993,650	1,993,650	253,138,442
17. GROSS ELECTRICAL ENERGY GEN'TED (MWH)	664,358	664,358	83,623,136
18. NET ELECTRICAL ENERGY GENERATED (MWH)	637,560	637,560	79,905,989
19. UNIT SERVICE FACTOR	100.0	100.0	71.5
20. UNIT AVAILABILITY FACTOR	100.0	100.0	71.5
21. UNIT CAPACITY FACTOR (USING MDC NET)	103.9	103.9	69.8
22. UNIT CAPACITY FACTOR (USING DER NET)	101.4	101.4	68.1
23. UNIT FORCED OUTAGE RATE	0.0	0.0	5.9
24. SHUTDOWNS SCHEDULED OVER THE NEXT SIX MONTHS (TYPE, DATE AND DURATION):			
Refueling, February 19, 1993 for 105 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 February 12, 1993
 COMPLETED BY Leo Shanley
 TELEPHONE (410)260-6744

REPORT MONTH January 1993

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
									There were no significant power reductions this month.

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
February 12, 1993
Prepared by Leo Shanley
Telephone: (410) 260-6744

JANUARY 1993

Day	Average Daily Power Level (MWe-Net)	Day	Average Daily Power Level (MWe-Net)
1	861	17	852
2	860	18	860
3	860	19	861
4	860	20	860
5	861	21	860
6	860	22	860
7	860	23	861
8	860	24	860
9	858	25	860
10	859	26	860
11	860	27	860
12	860	28	860
13	860	29	861
14	860	30	860
15	859	31	859
16	773		

DOCKET NO. 50-318
CALVERT CLIFFS - UNIT 2
February 12, 1993

SUMMARY OF OPERATING EXPERIENCE

January 1993

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

Power was reduced to less than 90% at 0300 on January 16 to clean Main Condenser waterboxes and test Main Turbine valves. The unit was returned to 100% (860 MWe) at 0415 on January 17.

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

February 5, 1993

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: June 4, 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.

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) 4710 (NOTE 1) (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.

March 2016.*

*Entry has changed since last reported.

NOTE 1: 4710 total licensed site storage capacity.
(1830 pool + 2880 ISFSI)