
UNIT 1

OPERATING DATA REPORT

Docket No. 50-317
August 12, 1993
Prepared by Frank Piazza
Telephone: (410) 260-3821

OPERATING STATUS

1. UNIT NAME	Calvert Cliffs Unit 1
2. REPORTING PERIOD	JULY 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)	830
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	5,087	159,828
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	4,946.0	113,296.0
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	3,019.4
14. HOURS GENERATOR ON LINE	744.0	4,926.5	110,905.4
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,997,133	13,215,124	280,493,975
17. GROSS ELECTRICAL ENERGY GEN'TED (MWH)	644,860	4,415,299	93,242,833
18. NET ELECTRICAL ENERGY GENERATED (MWH)	618,061	4,235,694	88,705,080
19. UNIT SERVICE FACTOR	100.0	96.8	69.4
20. UNIT AVAILABILITY FACTOR	100.0	96.8	69.4
21. UNIT CAPACITY FACTOR (USING MDC NET)	100.1	100.7	67.3
22. UNIT CAPACITY FACTOR (USING DER NET)	98.3	98.5	65.7
23. UNIT FORCED OUTAGE RATE	0.0	3.2	9.0

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 August 12, 1993
 COMPLETED BY Frank Piazza
 TELEPHONE (410) 260-3821

REPORT MONTH JULY 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
93-04	930718	F	0	B	5	N/A	SI	94	Power reduced to approximately 70% reactor power to repair No. 11 steam generator feed pump trip circuit. The remote trip function was inoperative because of a DC ground in the supply to the control power circuit. The ground was due to a broken solder connection. It was repaired and the unit was returned to full power.

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
August 12, 1993
Prepared by Frank Piazza
Telephone: (410) 260-3821

JULY 1993

Day	Average Daily Power Level (MWe-Net)	Day	Average Daily Power Level (MWe-Net)
1	839	17	830
2	840	18	727
3	839	19	812
4	838	20	835
5	836	21	834
6	839	22	835
7	837	23	834
8	836	24	835
9	833	25	835
10	833	26	838
11	832	27	834
12	832	28	834
13	834	29	832
14	837	30	830
15	838	31	831
16	835		

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

SUMMARY OF OPERATING EXPERIENCE

July 1993

The Unit was at power the entire month. The power was reduced at 1530 on July 18 to approximately 70% to repair a broken solder connection in the trip circuit of 11 steam generator feed pump. The unit was returned to 100% power at 0050 on July 19, remaining there through the end of the month.

August 5, 1993

REFUELING INFORMATION REQUEST

1. Name of facility: Calvert Cliffs Nuclear Power Plant, Unit No. 1.
2. Scheduled date for next refueling shutdown: February 4, 1994.
3. Scheduled date for restart following refueling:
May 9, 1994.*
4. Will refueling or resumption of operation thereafter require a Technical Specification change or other license amendment?

Operation after refueling will require either "Core Operating Limits Report" or will require a change to Technical Specification 3/4.2.2, "Linear Heat Rate".*
5. Scheduled date(s) for submitting proposed licensing action and supporting information.

September 1993 for Core Operating Limits Report.*
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) 1498.

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 has 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
August 12, 1993
Prepared by Frank Piazza
Telephone: (410) 260-3821

OPERATING STATUS

1. UNIT NAME	Calvert Cliffs Unit 2
2. REPORTING PERIOD	JULY 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)	830
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	5,087	143,183
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	2,399.4	102,363.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1,296.6
14. HOURS GENERATOR ON LINE	709.9	2,280.1	100,861.9
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,906,766	5,929,459	257,074,251
17. GROSS ELECTRICAL ENERGY GEN'TED (MWH)	614,754	1,945,302	84,904,080
18. NET ELECTRICAL ENERGY GENERATED (MWH)	588,017	1,852,928	81,121,357
19. UNIT SERVICE FACTOR	95.4	44.8	70.4
20. UNIT AVAILABILITY FACTOR	95.4	44.8	70.4
21. UNIT CAPACITY FACTOR (USING MDC NET)	95.2	44.1	68.7
22. UNIT CAPACITY FACTOR (USING DER NET)	93.5	43.1	67.0
23. UNIT FORCED OUTAGE RATE	0.0	2.0	5.9
24. SHUTDOWNS SCHEDULED OVER THE NEXT SIX MONTHS (TYPE, DATE AND DURATION):			
N/A			

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 August 12, 1993
COMPLETED BY Frank Piazza
TELEPHONE (410) 260-3821

REPORT MONTH July 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
93-05	930717	S	34.1	B	N/A	N/A	TK	PSF	Maintenance outage to repair Hydrogen leak on the Main Generator, and clean the Water Boxes. The reactor power was reduced to 10% during the maintenance. After weld repair of the Hydrogen line the Generator was paralleled to the grid and the Unit was returned to 100% power.

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
August 12, 1993
Prepared by Frank Piazza
Telephone: (410) 260-3821

JULY 1993

Day	Average Daily Power Level (MWe-Net)	Day	Average Daily Power Level (MWe-Net)
1	844	17	30
2	846	18	206
3	846	19	830
4	845	20	834
5	843	21	834
6	846	22	828
7	846	23	827
8	844	24	832
9	841	25	831
10	843	26	832
11	841	27	835
12	839	28	830
13	840	29	828
14	842	30	827
15	838	31	829
16	826		

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

SUMMARY OF OPERATING EXPERIENCE

July 1993

The unit began the month at 100% power. The reactor power was decreased commencing at 2155 on July 16, to 10% for a scheduled maintenance outage. The outage was planned to repair a pin hole leak on a main generator hydrogen line elbow and to clean condenser water boxes. The generator was disconnected from the grid at 0424 on July 17, during the maintenance. Following repairs the generator was reconnected to the grid at 1431 on July 18, and the unit was returned to 100% power for the remainder of the month.

August 5, 1993

REFUELING INFORMATION REQUEST

1. Name of facility: Calvert Cliffs Nuclear Power Plant, Unit No. 2
2. Scheduled date for next refueling shutdown: March 3, 1995.
3. Scheduled date for restart following refueling: May 17, 1995.
4. Will refueling or resumption of operation thereafter require a Technical Specification change or other license amendment?

Unknown.

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

Unknown.

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) 1498.

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.

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