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UNIT 1

OPERATING DATA REPORT

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Docket No. 50-317  
April 13, 1993  
Prepared by Frank Piazza  
Telephone: (410) 260-3821

OPERATING STATUS  
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1. UNIT NAME	Calvert Cliffs Unit 1
2. REPORTING PERIOD	MARCH 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
11. HOURS IN REPORTING PERIOD	744	2,160	156,901
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	2,160.0	110,510.0
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	3,019.4
14. HOURS GENERATOR ON LINE	744.0	2,160.0	108,138.9
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,002,761	5,820,028	273,098,879
17. GROSS ELECTRICAL ENERGY GEN'TED (MWH)	677,997	1,962,801	90,790,335
18. NET ELECTRICAL ENERGY GENERATED (MWH)	651,683	1,886,240	86,355,626
19. UNIT SERVICE FACTOR	100.0	100.0	68.9
20. UNIT AVAILABILITY FACTOR	100.0	100.0	68.9
21. UNIT CAPACITY FACTOR (USING MDC NET)	106.2	105.8	66.7
22. UNIT CAPACITY FACTOR (USING DER NET)	103.7	103.3	65.1
23. UNIT FORCED OUTAGE RATE	0.0	0.0	9.1
24. SHUTDOWNS SCHEDULED OVER THE NEXT			

SIX MONTHS (TYPE, DATE AND DURATION):

Maintenance, October 1, 1993 for 18 days

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 April 13, 1993  
 COMPLETED BY Frank Piazza  
 TELEPHONE (410) 260-3821

REPORT MONTH March 1993

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
									There were no significant power reductions this month.

<sup>1</sup> F: Forced  
 S: Scheduled

<sup>2</sup> 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

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

<sup>4</sup> IEEE Standard 805-1984

<sup>5</sup> IEEE Standard 803A-1983

# AVERAGE DAILY UNIT POWER LEVEL

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Docket No. 50-317  
Calvert Cliffs Unit No. 1  
April 13, 1993  
Prepared by Frank Piazza  
Telephone: (410) 260-3821

MARCH 1993

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Average Daily Power Level		Average Daily Power Level	
Day	(MWe-Net)	Day	(MWe-Net)
1	873	17	878
2	874	18	878
3	873	19	878
4	873	20	876
5	874	21	877
6	873	22	878
7	874	23	879
8	873	24	880
9	873	25	879
10	871	26	877
11	873	27	878
12	873	28	878
13	875	29	879
14	876	30	879
15	877	31	880
16	877		

DOCKET NO. 50-317  
CALVERT CLIFFS - UNIT 1  
April 13, 1993

## SUMMARY OF OPERATING EXPERIENCE

March 1993

The unit was at 100% all month.

April 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) 1627\*.  
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

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

\*Entry has changed since last reported.

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UNIT 2

# OPERATING DATA REPORT

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Docket No. 50-318  
April 13, 1993  
Prepared by Frank Piazza  
Telephone: (410) 260-3821

## OPERATING STATUS

1. UNIT NAME	Calvert Cliffs Unit 2
2. REPORTING PERIOD	MARCH 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	2,160	140,256
12. NUMBER OF HOURS REACTOR WAS CRITICAL	0.0	1,203.6	101,168.0
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1,296.6
14. HOURS GENERATOR ON LINE	0.0	1,201.7	99,783.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	0	3,222,124	254,366,916
17. GROSS ELECTRICAL ENERGY GEN'TED (MWH)	0	1,072,647	84,031,425
18. NET ELECTRICAL ENERGY GENERATED (MWH)	0	1,028,672	80,297,101
19. UNIT SERVICE FACTOR	0.0	55.6	71.1
20. UNIT AVAILABILITY FACTOR	0.0	55.6	71.1
21. UNIT CAPACITY FACTOR (USING MDC NET)	0.0	57.7	69.4
22. UNIT CAPACITY FACTOR (USING DER NET)	0.0	56.4	67.8
23. UNIT FORCED OUTAGE RATE	0.0	0.0	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:			
June 4, 1993			

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-318  
 UNIT NAME Calvert Cliffs-U2  
 DATE April 13, 1993  
 COMPLETED BY Frank Piazza  
 TELEPHONE (410) 260-3821

REPORT MONTH March 1993

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
93-6.	930220	S	744.0	C	1	N/A	N/A	N/A	Unit shutdown for planned Refueling Outage.

<sup>1</sup> F: Forced  
 S: Scheduled

<sup>2</sup> 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

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

<sup>4</sup> IEEE Standard 805-1984

<sup>5</sup> IEEE Standard 803A-1983



# AVERAGE DAILY UNIT POWER LEVEL

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Docket No. 50-318  
Calvert Cliffs Unit No. 2  
April 13, 1993  
Prepared by Frank Piazza  
Telephone: (410) 260-3821

MARCH 1993

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Average Daily Power Level		Average Daily Power Level	
Day	(MWe-Net)	Day	(MWe-Net)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	0
16	0		



DOCKET NO. 50-318  
CALVERT CLIFFS - UNIT 2  
April 13, 1993

## SUMMARY OF OPERATING EXPERIENCE

March 1993

The unit is shutdown for Refueling Outage. The following significant work was completed.

- 12 EDG was overhauled.
- Unit entered Mode 6 on 03/06/93.
- Unit core offload complete on 03/19/93.
- Saltwater header work started and is ongoing.

April 5, 1993

REFUELING INFORMATION REQUEST

1. Name of facility: Calvert Cliffs Nuclear Power Plant, Unit No. 2
2. Scheduled date for next refueling shutdown: Currently in Refueling/Next Refueling, March 1995.
3. Scheduled date for restart following refueling: June 4, 1993/unknown.
4. Will refueling or resumption of operation thereafter require a Technical Specification change or other license amendment?  
No/unknown.
5. Scheduled date(s) for submitting proposed licensing action and supporting information.  
None required/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) 0\* (b) 1627\*.  
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)

\*Entry has changed since last reported.