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UNIT 1

OPERATING DATA REPORT

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Docket No. 50-317  
May 15, 1995  
Prepared by Herman O. Olsen  
Telephone: (410) 260-6734

OPERATING STATUS  
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1. UNIT NAME	Calvert Cliffs Unit 1
2. REPORTING PERIOD	APRIL 1995
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)	865
7. MAXIMUM DEPENDABLE CAP'Y (NET MWe)	835
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	719	2,879	175,140
12. NUMBER OF HOURS REACTOR WAS CRITICAL	719.0	2,879.0	125,759.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	3,019.4
14. HOURS GENERATOR ON LINE	719.0	2,879.0	123,115.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,930,878	7,750,873	312,918,766
17. GROSS ELECTRICAL ENERGY GEN'TED (MWH)	646,248	2,593,650	103,964,266
18. NET ELECTRICAL ENERGY GENERATED (MWH)	620,742	2,492,008	98,986,276
19. UNIT SERVICE FACTOR	100.0	100.0	70.3
20. UNIT AVAILABILITY FACTOR	100.0	100.0	70.3
21. UNIT CAPACITY FACTOR (USING MDC NET)	103.4	103.7	68.4
22. UNIT CAPACITY FACTOR (USING DER NET)	102.2	102.4	66.9
23. UNIT FORCED OUTAGE RATE	0.0	0.0	8.6

24. SHUTDOWNS SCHEDULED OVER THE NEXT  
SIX MONTHS (TYPE, DATE AND DURATION):  
N/A \* Time change

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

# AVERAGE DAILY UNIT POWER LEVEL

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Docket No. 50-317

Calvert Cliffs Unit No. 1

May 15, 1995

Prepared by Herman O. Olsen

Telephone: (410) 260-6734

APRIL 1995

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Average Daily Power Level		Average Daily Power Level	
Day	(MWe-Net)	Day	(MWe-Net)
1	867	17	867
2	831	18	868
3	867	19	868
4	867	20	867
5	863	21	868
6	865	22	867
7	866	23	849
8	866	24	797
9	866	25	860
10	867	26	865
11	867	27	867
12	868	28	866
13	867	29	864
14	867	30	864
15	867		
16	867		

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-317  
 UNIT NAME Calvert Cliffs-U1  
 DATE May 15, 1995  
 COMPLETED BY Herman O. Olsen  
 TELEPHONE (410) 260-6734

REPORT MONTH April 1995

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 for 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

DOCKET NO. 50-317  
CALVERT CLIFFS - UNIT 1  
May 15, 1995

## SUMMARY OF OPERATING EXPERIENCE

April 1995

The unit began the month at 100% power. On 04/05/95 at 2216 power was immediately reduced to 92.5% due to a control element assembly (CEA) being dropped during the performance of surveillance testing. The CEA was restored to the correct position and power was returned to 100% on 04/06/95 at 0055.

On 04/23/95 water was noted leaking in the west side of the turbine building. Investigation revealed that source of the leak was a heater drain tank level control valve. Power was reduced to 90% at 1945 to allow securing of the heater drain pump and subsequent isolation of the leaking valve. Following repairs the heater drain pump was restored to operation and power was returned to 100% on 04/24/95 at 1600.

The unit continued to operate at 100% the remainder of the month.

**REFUELING INFORMATION REQUEST**

1. Name of facility: Calvert Cliffs Nuclear Power Plant, Unit No. 1.
2. Scheduled date for next refueling shutdown: March, 1996.
3. Scheduled date for restart following refueling: May, 1996.
4. Will refueling or resumption of operation thereafter require a Technical Specification change or other license amendment?  
  
Yes.
  - a. License amendment to reflect the new electrical distribution system configuration.
  - b. An amendment and exemption to allow the use of four lead fuel assemblies with advance cladding material.\*
5. Scheduled date(s) for submitting proposed licensing action and supporting information.
  - a. July 1995
  - b. June 1995\*
6. Important licensing considerations associated with the refueling.  
  
**Physical modifications required to bring Calvert Cliffs in compliance with the Station Blackout rule will be completed in the 1996 Unit 1 refueling outage.**
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool.  
  
(a) 217                      (b) 1458 (Note 2)  
  
**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 2007

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

**NOTE 2:**      216 Spent Fuel Assemblies in the ISFSI.

\*      Entry has changed since last reported.

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UNIT 2

# OPERATING DATA REPORT

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Docket No. 50-318  
May 15, 1995  
Prepared by Herman O. Olsen  
Telephone: (410) 260-6734

## OPERATING STATUS

1. UNIT NAME	Calvert Cliffs Unit 2
2. REPORTING PERIOD	APRIL 1995
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)	870
7. MAXIMUM DEPENDABLE CAP'Y (NET MWe)	840
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	719	2,879	158,495
12. NUMBER OF HOURS REACTOR WAS CRITICAL	0.0	1,717.8	115,754.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1,296.6
14. HOURS GENERATOR ON LINE	0.0	1,703.5	114,154.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	0	4,527,148	292,024,077
17. GROSS ELECTRICAL ENERGY GEN'TED (MWH)	0	1,518,254	96,533,563
18. NET ELECTRICAL ENERGY GENERATED (MWH)	(2,437)	1,450,299	92,271,909
19. UNIT SERVICE FACTOR	0.0	59.2	72.0
20. UNIT AVAILABILITY FACTOR	0.0	59.2	72.0
21. UNIT CAPACITY FACTOR (USING MDC NET)	0.0	60.0	70.5
22. UNIT CAPACITY FACTOR (USING DER NET)	0.0	59.6	68.9
23. UNIT FORCED OUTAGE RATE	0.0	6.7	5.9
24. SHUTDOWNS SCHEDULED OVER THE NEXT			

SIX MONTHS (TYPE, DATE AND DURATION):

N/A

\* Time change

( ) Represents a negative value

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

May 17, 1995

# AVERAGE DAILY UNIT POWER LEVEL

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Docket No. 50-318  
Calvert Cliffs Unit No. 2  
May 15, 1995  
Prepared by Herman O. Olsen  
Telephone: (410) 260-6734

APRIL 1995  
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Average Daily Power Level		Average Daily Power Level	
Day	(MWe-Net)	Day	(MWe-Net)
1	-4	17	-3
2	-4	18	-3
3	-4	19	-3
4	-4	20	-3
5	-4	21	-3
6	-4	22	-3
7	-3	23	-3
8	-3	24	0
9	-3	25	0
10	-3	26	-4
11	-3	27	-6
12	-3	28	-7
13	0	29	-7
14	-3	30	-7
15	-3		
16	-3		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-318  
 UNIT NAME Calvert Cliffs-U2  
 DATE May 15, 1995  
 COMPLETED BY Herman O. Olsen  
 TELEPHONE (410) 260-6734

REPORT MONTH April 1995

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
95004	031895	S	719	C	4				The unit was shutdown for a 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

DOCKET NO. 50-318  
CALVERT CLIFFS - UNIT 2  
May 15, 1995

## SUMMARY OF OPERATING EXPERIENCE

April 1995

The unit began the month in mode 5, cold shutdown. On 04/04/95 the unit entered mode 6, refueling with the reactor vessel head detensioned. The vessel head was reinstalled and tensioned on 04/24/95 at 1210 and the unit returned to mode 5. The following significant work was completed during the month:

- Reactor Vessel refueling.
- Steam Generator eddy current testing.
- inspection and overhaul of Emergency Diesel Generator 12.
- modifications to Emergency Diesel Generator 21 to increase the electrical capacity.

REFUELING INFORMATION REQUEST

1. Name of facility: Calvert Cliffs Nuclear Power Plant, Unit No. 2
2. Scheduled date for next refueling shutdown: Unit is currently shutdown for refueling.
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?  
  
No.
5. Scheduled date(s) for submitting proposed licensing action and supporting information.  
  
None.
6. Important licensing considerations associated with the refueling.  
  
None.
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool.  
  
(a) 217 (b) 1458 (Note 2)  
  
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 2007

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

NOTE 2: 216 Spent Fuel Assemblies in the ISFSI.

\* Entry has changed since last reported.