CHARLES H. CRUSE
Plant General Manager
Calvert Cliffs Nuclear Power Plant

Baltimore Gas and Electric Company
Calvert Cliffs Nuclear Power Plant
1650 Calvert Cliffs Parkway
Lusby, Maryland 20657
410 586-2200 Ext. 4101 Local
410 260-4101 Baltimore

BGE

May 13, 1994

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
April 1994 Operating Data Reports

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,

Charles H. Cruse

CHC/FP/bjd

Attachments

cc: D. A. Brune, Esquire
J. E. Silberg, Esquire
R. A. Capra, NRC
D. G. McDonald, Jr., NRC
T. T. Martin, NRC
P. R. Wilson, NRC
R. A. Hartfield, NRC
R. I. McLean, DNR
J. H. Walter, PSC
P. Lewis, INPO
K. Larson, ANI

IE24
1/1

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UNIT 1

OPERATING DATA REPORT

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Docket No. 50-317
May 13, 1994
Prepared by Frank Piazza
Telephone:(410)260-3821

OPERATING STATUS

1.	UNIT NAME	Calvert Cliffs Unit 1
2.	REPORTING PERIOD	APRIL 1994
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	719	2,879	166,380
12.	NUMBER OF HOURS REACTOR WAS CRITICAL	0.0	734.6	117,703.6
13.	REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	3,019.4
14.	HOURS GENERATOR ON LINE	0.0	720.7	115,299.1
15.	UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16.	GROSS THERMAL ENERGY GENERATED (MWH)	0	1,903,731	292,218,550
17.	GROSS ELECTRICAL ENERGY GEN'TED(MWH)	0	637,493	97,111,039
18.	NET ELECTRICAL ENERGY GENERATED(MWH)	0	606,906	92,411,188
19.	UNIT SERVICE FACTOR	0.0	25.0	69.3
20.	UNIT AVAILABILITY FACTOR	0.0	25.0	69.3
21.	UNIT CAPACITY FACTOR (USING MDC NET)	0.0	25.4	67.3
22.	UNIT CAPACITY FACTOR (USING DER NET)	0.0	24.9	65.7
23.	UNIT FORCED OUTAGE RATE	0.0	23.2	8.8

24. SHUTDOWNS SCHEDULED OVER THE NEXT SIX MONTHS (TYPE, DATE AND DURATION):
Refuel, 2/8/94, 90 Days * Time change

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START-UP:
May 14, 1994

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-317
UNIT NAME Calvert Cliffs-U1
DATE May 13, 1994
COMPLETED BY Frank Piazza
TELEPHONE (410) 260-3821

REPORT MONTH April 1994

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
94-02	940209	S	719	C	4	N/A	N/A	N/A	Unit shutdown for planned Refueling Outage.

[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

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Docket No. 50-317
Calvert Cliffs Unit No. 1
May 13, 1994
Prepared by Frank Piazza
Telephone: (410) 260-3821

APRIL 1994

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Day	Average Daily Power Level (MWe-Net)	Day	Average Daily Power Level (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		
16	0		

DOCKET NO. 50-317
CALVERT CLIFFS - UNIT 1
May 13, 1994

SUMMARY OF OPERATING EXPERIENCE

April 1994

The unit began the month shutdown for the refueling outage and remained shutdown the entire month. The following significant work was completed during the month:

- Reactor Vessel refueling was completed.
- 12A Reactor Coolant Pump motor was replaced because of an electrical problem which developed during its start-up.
- New 13KV Voltage Regulators were installed and testing is ongoing.

REFUELING INFORMATION REQUEST

1. Name of facility: **Calvert Cliffs Nuclear Power Plant, Unit No. 1.**

2. Scheduled date for next refueling shutdown: **Unit is currently shutdown for refueling. Next shutdown for refueling will be March, 1996.**

3. Scheduled date for restart following refueling: **May 14, 1994.***

4. Will refueling or resumption of operation thereafter require a Technical Specification change or other license amendment?

   Operation after refueling will require a change to the "Core Operating Limits Report".

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) 1514 (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 2014

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

NOTE 2: 72 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 13, 1994
Prepared by Frank Piazza
Telephone:(410)260-3821

OPERATING STATUS

1.	UNIT NAME	Calvert Cliffs Unit 2
2.	REPORTING PERIOD	APRIL 1994
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	719	2,879	149,735
12.	NUMBER OF HOURS REACTOR WAS CRITICAL	719.0	2,706.2	108,743.0
13.	REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1,296.6
14.	HOURS GENERATOR ON LINE	719.0	2,703.0	107,226.6
15.	UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16.	GROSS THERMAL ENERGY GENERATED (MWH)	1,933,979	7,229,010	274,094,553
17.	GROSS ELECTRICAL ENERGY GEN'TED(MWH)	650,885	2,434,365	90,590,234
18.	NET ELECTRICAL ENERGY GENERATED(MWH)	625,113	2,337,370	86,580,504
19.	UNIT SERVICE FACTOR	100.0	93.9	71.6
20.	UNIT AVAILABILITY FACTOR	100.0	93.9	71.6
21.	UNIT CAPACITY FACTOR (USING MDC NET)	104.7	97.8	70.1
22.	UNIT CAPACITY FACTOR (USING DER NET)	102.9	96.1	68.4
23.	UNIT FORCED OUTAGE RATE	0.0	6.1	5.7

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

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 May 13, 1994
COMPLETED BY Frank Piazza
TELEPHONE (410) 260-3821

REPORT MONTH April 1994

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

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Docket No. 50-318
Calvert Cliffs Unit No. 2
May 13, 1994
Prepared by Frank Piazza
Telephone: (410) 260-3821

APRIL 1994

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Day	Average Daily Power Level (MWe-Net)	Day	Average Daily Power Level (MWe-Net)
1	872	17	871
2	872	18	870
3	837	19	871
4	873	20	867
5	873	21	866
6	873	22	866
7	872	23	866
8	873	24	861
9	873	25	862
10	873	26	867
11	874	27	863
12	874	28	863
13	874	29	866
14	872	30	862
15	871		
16	871		

DOCKET NO. 50-318
CALVERT CLIFFS - UNIT 2
May 13, 1994

SUMMARY OF OPERATING EXPERIENCE

April 1994

The unit began the month at 100% reactor power.

Reactor power was reduced on April 24, 1994 at 1853 due to the main turbine intercept valve shutting. The valves shut when 4 KV bus #21 was lost during testing of the Safety Related Voltage Regulators. Reactor power was reduced to approximately 95% at 1908. The unit was returned to 100% power at 2200 on April 24, 1994 and remained there through the end of the month.

REFUELING INFORMATION REQUEST

1. Name of facility: **Calvert Cliffs Nuclear Power Plant, Unit No. 2**

2. Scheduled date for next refueling shutdown: **February 18, 1995.**

3. Scheduled date for restart following refueling: **May 3, 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) 1514 (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 2016.

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

NOTE 2: 72 Spent Fuel Assemblies in the ISFSI.

* Entry has changed since last reported.