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

September 15, 1995

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
August 1995 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/HOO/bjd

Attachments

cc: D. A. Brune, Esquire
J. E. Silberg, Esquire
L. B. Marsh, 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. N. Larson, ANI

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UNIT 1

OPERATING DATA REPORT

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September 15, 1995
Prepared by Herman O. Olsen
Telephone:(410)260-6734

OPERATING STATUS

1.	UNIT NAME	Calvert Cliffs Unit 1
2.	REPORTING PERIOD	AUGUST 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	744	5,831	178,092
12.	NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	5,725.4	128,606.1
13.	REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	3,019.4
14.	HOURS GENERATOR ON LINE	744.0	5,714.0	125,950.5
15.	UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16.	GROSS THERMAL ENERGY GENERATED (MWH)	1,913,502	15,222,139	320,390,032
17.	GROSS ELECTRICAL ENERGY GEN'TED(MWH)	608,412	5,014,307	106,384,923
18.	NET ELECTRICAL ENERGY GENERATED(MWH)	581,453	4,807,285	101,301,553
19.	UNIT SERVICE FACTOR	100.0	98.0	70.7
20.	UNIT AVAILABILITY FACTOR	100.0	98.0	70.7
21.	UNIT CAPACITY FACTOR (USING MDC NET)	93.6	98.7	68.9
22.	UNIT CAPACITY FACTOR (USING DER NET)	92.5	97.6	67.3
23.	UNIT FORCED OUTAGE RATE	0.0	2.0	8.5

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

AVERAGE DAILY UNIT POWER LEVEL

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Docket No. 50-317
Calvert Cliffs Unit No. 1
September 15, 1995
Prepared by Herman O. Olsen
Telephone: (410) 260-6734

AUGUST 1995

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Day	Average Daily Power Level (MWe-Net)	Day	Average Daily Power Level (MWe-Net)
1	409	17	793
2	634	18	804
3	643	19	532
4	787	20	651
5	821	21	826
6	821	22	827
7	825	23	817
8	828	24	827
9	829	25	825
10	832	26	824
11	826	27	828
12	825	28	826
13	822	29	828
14	822	30	827
15	821	31	826
16	822		

UNIT SHUTDOWNS AND POWER REDUCTIONS

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

REPORT MONTH August 1995

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
95002	073195	F	92.3	H	5	317/95-003	BI	HX	On 07/31/95 at 1416 power was reduced to approximately 55% due to high circulating water temperature. This reduction was required to insure adequate heat removal could be performed by the Service Water System. A functional evaluation was performed and determined that full power operation could be sustained, with specific limitations concerning available components and the maximum allowed circulating water temperature. Power was restored to 100% at 1035 on 08/04/95.
95003	081895	S	7.1	B	5	N/A	SJ	SC	On 08/18/95 at 2050 a scheduled power reduction to 70% was performed to conduct Steam Generator Feed Pump Control System maintenance and to clean waterboxes. Power was restored to100% at 2200.

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

REFUELING INFORMATION REQUEST

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

2. Scheduled date for next refueling shutdown: March 15, 1996*

3. Scheduled date for restart following refueling: May 7, 1996*

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

   Yes.

   a. License amendment to allow installation of a new diesel generator.*

   b. License amendment to reflect the new electrical distribution system configuration.

   c. An amendment and exemption to allow the use of four lead fuel assemblies with advance cladding materials.

   d. License amendment to extend some instrument surveillances to allow a delayed start of the refueling outage.*

   e. License amendment to allow the use of blind flanges for containment isolation in place of containment purge valves.*

   f. License amendment to modify the MTC limits to account for additional steam generator tubes plugged.*

   g. License amendment which would allow the sleeving of steam generator tubes as a repair method.*

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

   a. September 1995*

   b. September 1995*

   c. July 13, 1995

   d. September 1995*

   e. September 1995*

   f. November 1995*

   g. November 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) 1434 (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: **240 Spent Fuel Assemblies in the ISFSI.**

* **Entry has changed since last reported.**

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

SUMMARY OF OPERATING EXPERIENCE

August 1995

The unit began the month at 55% (410 Mwe) due to the abnormally high circulating water temperatures (heat sink).

A functional evaluation was performed on the Service Water System and associated components. It was determined that operation at full power could be sustained, with specific limitations concerning available components and maximum circulating water temperature. Power reached 100% at 1035 on 08/04/95.

A power reduction commenced at 0855 on 08/17/95 due to a saltwater leak on a waterbox drain line. Power was reduced to 92% while repairs were made. Commenced increasing power at 1505 and power was restored to 100% at 1625 on 08/17/95.

A planned power reduction to 70%, to clean waterboxes and perform maintenance on the Steam Generator Feed Pump Control System, commenced at 2150 on 08/18/95. Power remained at 70% until 1045 on 08/20/95 and was restored to 100% at 2200.

On 08/23/95 at 2029 power was immediately reduced to 87% 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 08/24/95 at 0600.

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

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UNIT 2

OPERATING DATA REPORT

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

OPERATING STATUS

1.	UNIT NAME	Calvert Cliffs Unit 2
2.	REPORTING PERIOD	AUGUST 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	744	5,831	161,447
12.	NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	4,276.8	118,313.8
13.	REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1,296.6
14.	HOURS GENERATOR ON LINE	744.0	4,193.7	116,644.4
15.	UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16.	GROSS THERMAL ENERGY GENERATED (MWH)	1,989,492	11,027,432	298,524,361
17.	GROSS ELECTRICAL ENERGY GEN'TED(MWH)	634,849	3,607,636	98,622,945
18.	NET ELECTRICAL ENERGY GENERATED(MWH)	607,844	3,443,469	94,265,079
19.	UNIT SERVICE FACTOR	100.0	71.9	72.2
20.	UNIT AVAILABILITY FACTOR	100.0	71.9	72.2
21.	UNIT CAPACITY FACTOR (USING MDC NET)	97.3	70.3	70.7
22.	UNIT CAPACITY FACTOR (USING DER NET)	96.7	69.9	69.1
23.	UNIT FORCED OUTAGE RATE	0.0	4.2	5.8

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

AVERAGE DAILY UNIT POWER LEVEL

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

AUGUST 1995

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Day	Average Daily Power Level (MWe-Net)	Day	Average Daily Power Level (MWe-Net)
1	817	17	818
2	818	18	819
3	819	19	820
4	820	20	819
5	819	21	820
6	818	22	821
7	821	23	822
8	822	24	822
9	822	25	822
10	819	26	825
11	822	27	825
12	721	28	825
13	801	29	825
14	818	30	825
15	820	31	824
16	820		

UNIT SHUTDOWNS AND POWER REDUCTIONS

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

REPORT MONTH August 1995

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 siginificant power reductions for 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

REFUELING INFORMATION REQUEST

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

2. Scheduled date for next refueling shutdown: March 1, 1997

3. Scheduled date for restart following refueling: April 9, 1997

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) 1434 (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: **240 Spent Fuel Assemblies in the ISFSI.**

* **Entry has changed since last reported.**

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

SUMMARY OF OPERATING EXPERIENCE

August 1995

The unit began the month at 100% power (820 MWe). On 08/12/95 at 0350 power was reduced to 87% for waterbox cleaning and to perform maintenance on the Steam Generator Feed Pump Control System. Power was returned to 100% on 08/13/95 at 0435.

The unit ended the month at 100% power (825 MWe).