BALTIMORE
GAS AND
ELECTRIC

CHARLES CENTER • P.O. BOX 1475 • BALTIMORE, MARYLAND 21203-1475

R. E. DENTON
GENERAL MANAGER
CALVERT CLIFFS

May 14, 1992

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 1992 Operating Data Reports

Gentlemen:

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,

RED/LBS/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. I. McLean, DNR
J. H. Walter, PSC
R. A. Hartfield, NRC
P. Lewis, INPO
K. Larson, ANI

Ltr No
P-07376-351

IE24
1/1

****

UNIT 1

OPERATING DATA REPORT

****

Docket No. 50-317
May 14, 1992
Prepared by Leo Shanley
Telephone: (410)260-6744

OPERATING STATUS

1.	UNIT NAME	Calvert Cliffs Unit 1
2.	REPORTING PERIOD	APRIL 1992
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	719	2,903	148,860
12.	NUMBER OF HOURS REACTOR WAS CRITICAL	0.0	1,882.0	105,181.8
13.	REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	3,019.4
14.	HOURS GENERATOR ON LINE	0.0	1,881.1	102,931.6
15.	UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16.	GROSS THERMAL ENERGY GENERATED (MWH)	0	5,052,583	259,389,090
17.	GROSS ELECTRICAL ENERGY GEN'TED(MWH)	0	1,676,717	86,212,405
18.	NET ELECTRICAL ENERGY GENERATED(MWH)	0	1,609,202	81,964,707
19.	UNIT SERVICE FACTOR	0.0	64.8	69.1
20.	UNIT AVAILABILITY FACTOR	0.0	64.8	69.1
21.	UNIT CAPACITY FACTOR (USING MDC NET)	0.0	67.2	66.7
22.	UNIT CAPACITY FACTOR (USING DER NET)	0.0	65.6	65.2
23.	UNIT FORCED OUTAGE RATE	0.0	1.3	9.3

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:
June 29, 1992

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-317
UNIT NAME Calvert Cliffs-U1
DATE May 14, 1992
COMPLETED BY Leo Shanley
TELEPHONE (410)260-6744

REPORT MONTH April 1992

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
92-02	920320	S	719.0	C	4				Continued refueling outage from previous 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

****

Docket No. 50-317
Calvert Cliffs Unit No. 1
May 14, 1992
Prepared by Leo Shanley
Telephone: (410) 260-6744

APRIL 1992

****

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 #50-317
CALVERT CLIFFS - UNIT 1
May 14, 1992

SUMMARY OF OPERATING EXPERIENCE

April 1992

The unit began the month in cold shutdown (Mode 5) for a scheduled refueling outage.

Mode 5 was entered on April 10. Defueling of the reactor started on April 17 and was completed on April

Major jobs started this month were:
- SG eddy current testing
- SG secondary side modifications
- Saltwater Header work.

The unit ended the month defueled.

May 7, 1992

REFUELING INFORMATION REQUEST

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

2. Scheduled date for next refueling shutdown: March 20, 1992**.

3. Scheduled date for restart following refueling: June 29, 1992.

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

   The Tech Spec concerning Unit 1 Cycle 11's maximum enrichment per reload core (4.35 w/o) must be approved prior to on loading the core.

   Resumption of operation after refueling will require changes to Technical Specifications. The anticipated changes will affect consistency between the Unit 2 Cycle 9 Tech Specs and the Tech Specs for Unit 1 Cycle 11.

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

   Submitted, December 10, 1991.

6. Important licensing considerations associated with the refueling.

   License submittal under review by NRC.

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool.
   (a) 0*. (b) 1587*.

   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) 1830. (b) 2880.

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 1993

*Entry has changed since last reported.

** OUTAGE START DATE. Unit currently in a refueling outage.

****

UNIT 2

OPERATING DATA REPORT

****

Docket No. 50-318
May 14, 1992
Prepared by Leo Shanley
Telephone: (410) 260-6744

OPERATING STATUS

1.	UNIT NAME	Calvert Cliffs Unit 2
2.	REPORTING PERIOD	APRIL 1992
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	719	2,903	132,215
12.	NUMBER OF HOURS REACTOR WAS CRITICAL	665.6	2,519.8	94,560.1
13.	REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1,296.6
14.	HOURS GENERATOR ON LINE	650.7	2,483.8	93,206.0
15.	UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16.	GROSS THERMAL ENERGY GENERATED (MWH)	1,710,252	6,616,486	236,755,792
17.	GROSS ELECTRICAL ENERGY GEN'TED(MWH)	565,235	2,198,043	78,282,424
18.	NET ELECTRICAL ENERGY GENERATED(MWH)	541,889	2,109,045	74,787,193
19.	UNIT SERVICE FACTOR	90.5	85.6	70.5
20.	UNIT AVAILABILITY FACTOR	90.5	85.6	70.5
21.	UNIT CAPACITY FACTOR (USING MDC NET)	91.4	88.1	68.6
22.	UNIT CAPACITY FACTOR (USING DER NET)	89.2	86.0	66.9
23.	UNIT FORCED OUTAGE RATE	9.5	14.4	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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-318
UNIT NAME Calvert Cliffs-U2
DATE May 14, 1992
COMPLETED BY Leo Shanley
TELEPHONE (410)260-6744

REPORT MONTH April 1992

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
92-02	920319	F	67.0	H	4	1-92-002	EK	DG	Continued from previous month.
92-03	920404	F	0.5	A	9	NA	SJ	RLY	Unit removed from grid to replace 21 Feed Regulating Valve (FRV) Flow Indicator Controller (FIC). The FIC output would not change while in auto. Replacing the FIC did not correct the problem.
92-04	920404	F	0.8	A	9	NA	SJ	RLY	Unit removed from grid to replace failed relay for 21 FRV controller.

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
May 14, 1992
Prepared by Leo Shanley
Telephone: (410) 260-6744

APRIL 1992

****

Day	Average Daily Power Level (MWe-Net)	Day	Average Daily Power Level (MWe-Net)
1	0	17	860
2	0	18	861
3	6	19	861
4	319	20	861
5	788	21	861
6	857	22	861
7	860	23	859
8	860	24	859
9	859	25	859
10	860	26	862
11	860	27	861
12	860	28	860
13	860	29	860
14	860	30	859
15	860		
16	860		

DOCKET #50-318
CALVERT CLIFFS - UNIT 2
May 14, 1992

SUMMARY OF OPERATING EXPERIENCE

April 1992

The unit began the month in Mode 5 with preparations being made for a Reactor Startup.

Reactor Coolant System heat-up was started on April 1. The reactor was taken critical at 0522 on April 3. The generator was paralleled to the grid at 1858 and power was raised to 30% (170 MWe).

The generator was removed from the grid at 0155 on April 4 to replace 21 SG Feed Regulating Valve (FRV) Flow Indicator Controller (FIC). The unit was paralleled at 0223 and power was raised to 30%.

The generator was removed from the grid from 0943 to 1031 on April 4 to replace a relay for 21 SG FRV Controller.

82% power (695 MWe) was reached at 2045 on April 4 and Main Turbine Control Valves testing was performed. Power was reduced to 80% (675 MWe) at 2215 after 22 Moisture Separator Reheater (MSR) Reheat Stop Valve failed to re-open. The valve was repaired and power escalation resumed at 0120 on April 5.

Power was held at 89% (720 MWe) for Nuclear Instrument calibrations from 0400 to 1215 on April 5. 100% power (850 MWe) was reached at 1545.

The unit ended the month at 100% (860 MWe).

May 7, 1992

REFUELING INFORMATION REQUEST

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

2. Scheduled date for next refueling shutdown: March 5, 1993.

3. Scheduled date for restart following refueling: May 17, 1993.

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

   Not identified at this time.

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

   November 17, 1992.

6. Important licensing considerations associated with the refueling.

   The target length for this cycle will be 702 effective full power days.

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool.
   (a) 217. (b) 1587*.

   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) 1830. (b) 2880.

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 1993

*Entry has changed since last reported.