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R. E. DENTON
GENERAL MANAGER
CALVERT CLIFFS

August 13, 1991

U.S. Nuclear Regulatory Commission
Washington, DC 20555

ATTENTION: Document Control Desk

SUBJECT: Calvert Cliffs Nuclear Power Plant
Units 1 & 2; Dockets 50-317 and 50-318
July 1991 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 further questions regarding this matter, please contact Bruce Mrowca at (301) 260-3989.

Very truly yours,

RED/LBS/reu

Attachments

cc: D. A. Brune, Esquire
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UNIT 1

OPERATING DATA REPORT

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Docket No. 50-317
August 13, 1991
Prepared by Leo Shanley
Telephone:(301)260-6744

OPERATING STATUS

1.	UNIT NAME	Calvert Cliffs Unit 1
2.	REPORTING PERIOD	JULY 1991
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	5,087	142,284
12.	NUMBER OF HOURS REACTOR WAS CRITICAL	333.3	3,237.0	99,753.8
13.	REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	3,019.4
14.	HOURS GENERATOR ON LINE	326.1	3,208.2	97,498.0
15.	UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16.	GROSS THERMAL ENERGY GENERATED (MWH)	849,924	8,257,366	245,288,080
17.	GROSS ELECTRICAL ENERGY GEN'TED(MWH)	268,709	2,752,636	81,583,403
18.	NET ELECTRICAL ENERGY GENERATED(MWH)	256,522	2,636,385	77,526,562
19.	UNIT SERVICE FACTOR	43.8	63.1	68.5
20.	UNIT AVAILABILITY FACTOR	43.8	63.1	68.5
21.	UNIT CAPACITY FACTOR (USING MDC NET)	41.8	62.8	66.0
22.	UNIT CAPACITY FACTOR (USING DER NET)	40.8	61.3	64.5
23.	UNIT FORCED OUTAGE RATE	42.6	16.9	9.7

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-317
UNIT NAME Calvert Cliffs-U1
DATE August 13, 1991
COMPLETED BY Leo Shanley
TELEPHONE (301)260-6744

REPORT MONTH July 1991

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
91-06	910701	S	176.0	B	N/A	N/A			Continued shutdown for scheduled maintenance outage.
91-07	910708	F	241.9	A	N/A	N/A	CB	MOTORX	Outage extended due to vibrations on 12A RCP. Balance Shot corrected the problem.

1 F: Forced
S: Scheduled

2 Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
F-Administrative
G-Operational Error (Explain)

3 Method:
1-Manual
2-Manual Scram.
3-Automatic Scram.
4-Other (Explain)

4 Exhibit G-Instructions for Preparation of Data Entry Sheets for License Event Report (LER) File (NUREG-0161)

5 Exhibit I - Same Source

AVERAGE DAILY UNIT POWER LEVEL

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Docket No. 50-317
Calvert Cliffs Unit No. 1
August 13, 1991
Completed by Leo Shanley
Telephone: (301) 260-6744

JULY 1991

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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	200
3	0	19	649
4	0	20	808
5	0	21	823
6	0	22	822
7	0	23	822
8	0	24	818
9	0	25	819
10	0	26	813
11	0	27	823
12	0	28	825
13	0	29	824
14	0	30	824
15	0	31	819
16	0		

DOCKET #50-317
CALVERT CLIFFS - UNIT 1
August 13, 1991

SUMMARY OF OPERATING EXPERIENCE

July 1991

The unit began the month shutdown in Mode 3 for a scheduled maintenance outage.

RCS heatup was stopped on July 1 to evaluate excess vibrations on 12A RCP. The RCS was cooled down to Mode 5 on July 3. Balance shot was added and 12A RCP was placed back in operation.

RCS heatup was commenced on July 14 and Mode 4 was entered at 1340. Mode 3 was entered at 0030 on July 15.

The reactor was taken critical at 0245 on July 18 and the generator was paralleled to the grid at 0956. 100% (815 MWe) was reached at 0810 on July 20.

Power was reduced to 90% (750 MWe) at 2200 on July 25 for nuclear instrument calibration. The unit returned to 100% (825 MWe) at 0500 on July 26.

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

August 8, 1991

REFUELING INFORMATION REQUEST

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

2. Scheduled date for next refueling shutdown: March 6, 1992.

3. Scheduled date for restart following refueling: May 17, 1992.

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

   Resumption of operation after refueling will require changes to Technical Specifications. The anticipated changes will effect 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.

   November 8, 1991.

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) 1326.

   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 1992.

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UNIT 2

OPERATING DATA REPORT

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Docket No. 50-318
August 13, 1991
Prepared by Leo Shanley
Telephone: (301) 260-6744

OPERATING STATUS

1.	UNIT NAME	Calvert Cliffs Unit 2
2.	REPORTING PERIOD	JULY 1991
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	5,087	125,639
12.	NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	1,834.5	89,271.8
13.	REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1,296.6
14.	HOURS GENERATOR ON LINE	744.0	1,709.9	87,938.8
15.	UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16.	GROSS THERMAL ENERGY GENERATED (MWH)	2,004,761	4,230,993	222,620,411
17.	GROSS ELECTRICAL ENERGY GEN'TED(MWH)	637,290	1,350,976	73,635,608
18.	NET ELECTRICAL ENERGY GENERATED(MWH)	611,164	1,287,721	70,330,292
19.	UNIT SERVICE FACTOR	100.0	33.6	70.0
20.	UNIT AVAILABILITY FACTOR	100.0	33.6	70.0
21.	UNIT CAPACITY FACTOR (USING MDC NET)	99.6	30.7	67.9
22.	UNIT CAPACITY FACTOR (USING DER NET)	97.2	30.0	66.2
23.	UNIT FORCED OUTAGE RATE	0.0	21.7	5.7

24. SHUTDOWNS SCHEDULED OVER THE NEXT SIX MONTHS (TYPE, DATE AND DURATION):

Maintenance/Test, October 4, 1991 for 50 days

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 August 13, 1991
COMPLETED BY Leo Shanley
TELEPHONE (301)260-6744

REPORT MONTH July 1991

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 (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
F-Administrative
G-Operational Error (Explain)

3 Method:
1-Manual
2-Manual Scram.
3-Automatic Scram.
4-Other (Explain)

4 Exhibit G-Instructions for Preparation of Data Entry Sheets for License Event Report (LER) File (NUREG-0161)

5 Exhibit I - Same Source

AVERACE DAILY UNIT POWER LEVEL

****

Docket No. 50-318
Calvert Cliffs Unit No. 2
August 13, 1991
Completed by Leo Shanley
Telephone: (301) 260-6744

JULY 1991

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Day	Average Daily Power Level (MWe-Net)	Day	Average Daily Power Level (MWe-Net)
1	741	17	823
2	757	18	827
3	824	19	827
4	828	20	821
5	830	21	825
6	827	22	824
7	829	23	825
8	829	24	817
9	826	25	815
10	828	26	829
11	826	27	828
12	828	28	830
13	830	29	831
14	826	30	834
15	825	31	832
16	822		

DOCKET #50-318
CALVERT CLIFFS - UNIT 2
August 13, 1991

SUMMARY OF OPERATING EXPERIENCE

July 1991

The unit began the month at 96% power (740 MWe) with repairs being made to 21 Heater Drain Tank High Level Dump Control Valve. Repairs were completed and the unit returned to full power (810 MWe) at 2315 on July 2.

Power was reduced to 93% (750 MWe) from 2325 on July 24 to 0442 on July 25 to clean 23B Condenser Waterbox.

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

August 8, 1991

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.

   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) **1326.**

   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 1992.