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UNIT 1

OPERATING DATA REPORT

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Docket No. 50-317
January 15, 1988
Prepared by C.Behnke
Telephone:(301)260-4871

OPERATING STATUS

1.	UNIT NAME	Calvert Cliffs Unit 1
2.	REPORTING PERIOD	DECEMBER 1987
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	8,760	110,893
12.	NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	6,615.5	86,387.2
13.	REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	3,019.4
14.	HOURS GENERATOR ON LINE	744.0	6,237.0	84,452.9
15.	UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16.	GROSS THERMAL ENERGY GENERATED (MWH)	1,998,950	16,544,323	212,074,713
17.	GROSS ELECTRICAL ENERGY GEN'TED(MWH)	677,524	5,525,719	70,215,712
18.	NET ELECTRICAL ENERGY GENERATED(MWH)	650,572	5,286,751	67,035,961
19.	UNIT SERVICE FACTOR	100.0	71.2	76.2
20.	UNIT AVAILABILITY FACTOR	100.0	71.2	76.2
21.	UNIT CAPACITY FACTOR (USING MDC NET)	106.0	73.2	73.3
22.	UNIT CAPACITY FACTOR (USING DER NET)	103.5	71.4	71.5
23.	UNIT FORCED OUTAGE RATE	0.0	25.8	10.2

24. SHUTDOWNS SCHEDULED OVER THE NEXT SIX MONTHS (TYPE, DATE AND DURATION):
April 8, 1988, Refueling shutdown for 48 days.

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

Note: Line 21 "Cumulative" factor uses a weighted average.

IE24/1

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-318
UNIT NAME Calvert Cliffs - U1
DATE 01/15/88
COMPLETED BY C. Behnke
TELEPHONE (301)260-4871

REPORT MONTH December 1987

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
N/A									There were no shutdowns or significant reductions to be reported.

[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)
H-Other (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
****

Docket No. 50-317
Calvert Cliffs Unit No. 1
January 15, 1988
Completed by C. Behnke
Telephone: (301) 260-4871

DECEMBER 1987
****

Day	Average Daily Power Level (MWe-Net)	Day	Average Daily Power Level (MWe-Net)
1	876	17	877
2	876	18	875
3	875	19	876
4	876	20	877
5	872	21	856
6	875	22	873
7	873	23	877
8	874	24	875
9	876	25	876
10	876	26	876
11	875	27	877
12	876	28	876
13	876	29	868
14	876	30	872
15	876	31	871
16	877		

SUMMARY OF U-1 OPERATING EXPERIENCE
DECEMBER 1987

12/1	Unit began this reporting period at full power. (860 MWe)
12/21	At 0230, commenced power reduction to 840 MWe to allow removal of 11 MSR 2nd Stage for sightglass repair.
12/23	At 0450, Unit at full capacity.
12/29	At 1200, Power reduction to 840 MWe to allow removal of both MSR 2nd Stages for performance testing.
	At 1600, Unit at full capacity.
12/31	The Unit ended this reporting period at full power. (860 MWe)

January 6, 1988

REFUELING INFORMATION REQUEST

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

2. Scheduled date for next refueling shutdown: April 8, 1988

3. Scheduled date for restart following refueling: May 26, 1988

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 changes will be such as to allow operation of the plant with a fresh reload batch and reshuffled core for unit 1's first 24 month cycle.

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

   February 17, 1988

6. Important licensing considerations associated with the refueling.

   Reload fuel will be similar to that reload fuel inserted into Calvert Cliffs Unit 2 Eighth Cycle.

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

   (a) 217 (b) 1138

   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) 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 offload.

   April, 1991

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UNIT 2

OPERATING DATA REPORT

****

Docket No. 50-318
January 15, 1988
Prepared by C.Behnke
Telephone:(301)260-4871

OPERATING STATUS

1.	UNIT NAME	Calvert Cliffs Unit 2
2.	REPORTING PERIOD	DECEMBER 1987
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	8,760	94,248
12.	NUMBER OF HOURS REACTOR WAS CRITICAL	714.4	5,957.8	77,843.8
13.	REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1,296.6
14.	HOURS GENERATOR ON LINE	709.6	5,861.6	76,681.6
15.	UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16.	GROSS THERMAL ENERGY GENERATED (MWH)	1,815,590	15,023,809	193,340,664
17.	GROSS ELECTRICAL ENERGY GEN'TED(MWH)	622,058	5,050,589	63,888,101
18.	NET ELECTRICAL ENERGY GENERATED(MWH)	595,963	4,832,436	60,991,058
19.	UNIT SERVICE FACTOR	95.4	66.9	81.4
20.	UNIT AVAILABILITY FACTOR	95.4	66.9	81.4
21.	UNIT CAPACITY FACTOR (USING MDC NET)	97.1	66.9	78.4
22.	UNIT CAPACITY FACTOR (USING DER NET)	94.8	65.3	76.6
23.	UNIT FORCED OUTAGE RATE	4.6	1.7	5.6

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

February 24, 1988, Maintenance shutdown for 28 days.

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

N/A

Note: Line 21 "Cumulative" factor no longer uses a weighted average.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-318
UNIT NAME Calvert Cliffs-U2.
DATE 01/15/88
COMPLETED BY C. Behnke
TELEPHONE (301)260-4871

REPORT MONTH December 1987

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
80-18	871205	S	22.0	B	N/A	N/A	CA	VALVEX	Reduction taken to allow containment entry for maintenance; Valve 100F stud cleaning and body/bonnet leak injection.
80-19	871212	S	18.3	B	N/A	N/A	CA	VALVEX	Reduction taken to allow containment entry for maintenance: Valve 100F re-repair by leak injection.
80-20	871221	F	34.4	A	3	87-009	HA	GENERA	Trip due to loss of load; caused by failure of main generator permanent magnet from housing misalignment, which caused a short circuit. Corrective Action: Maintenance personnel to review alignment procedure and LER.

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)
H-Other (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
****

Docket No. 50-318
Calvert Cliffs Unit No. 2
January 15, 1988
Completed by C. Behnke
Telephone: (301) 260-4871

DECEMBER 1987
****

Day	Average Daily Power Level (MWe-Net)	Day	Average Daily Power Level (MWe-Net)
1	873	17	870
2	872	18	870
3	872	19	870
4	870	20	871
5	438	21	648
6	867	22	0
7	870	23	579
8	871	24	872
9	871	25	875
10	871	26	877
11	871	27	876
12	497	28	876
13	871	29	875
14	870	30	874
15	871	31	875
16	871		

SUMMARY OF U-2 OPERATING EXPERIENCE
DECEMBER 1987

12/1	Unit began this reporting period at full power. (860 Mwe)
12/5	At 0400, Unit began reactor power reduction at 30% for planned containment maintenance.
12/5	At 2040, began reactor power increase to full power.
12/6	At 0200, full reactor power was reached.
12/12	At 0340, unit began reactor power reduction to 30% to repair RC - 100F pressurizer spray valve.
	At 1655, began reactor power increase to full power.
	At 2200, full reactor power was reached.
12/21	At 1804, Unit tripped due to loss of permanent magnet generator.
12/22	At 2340, reactor critical.
12/23	At 0432, Unit paralleled to main grid.
	At 2330, Unit at full reactor power.
12/31	The Unit ended this reporting period at full power.

January 6, 1988

REFUELING INFORMATION REQUEST

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

2. Scheduled date for next refueling shutdown: April 1, 1989

3. Scheduled date for restart following refueling: May 15, 1989

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 changes will be such as to allow operation of the plant with a fresh reload batch and reshuffled core.

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

   February 9, 1989

6. Important licensing considerations associated with the refueling.

   Reload fuel will be similar to that reload fuel inserted into the previous cycle.

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

   (a) 217 (b) 1138

   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) 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 offload.

   April, 1991

BALTIMORE
GAS AND
ELECTRIC

CHARLES CENTER · P. O. BOX 1475 · BALTIMORE, MARYLAND 21203

JAMES R. LEMONS
MANAGER
NUCLEAR OPERATIONS DEPARTMENT

January 15, 1988

U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

ATTENTION: Document Control Desk

SUBJECT: **December Operating Data Reports for Calvert Cliffs Units 1 and 2 (Dockets 50-317 and 50-318)**

Gentlemen:

The subject reports are being sent to you as required by Technical Specification 6.9.1.6.

If there are any questions, please contact Carl Behnke, (301) 260-4871.

Sincerely,

J. R. Lemons

J. R. Lemons
Manager-Nuclear Operations Department

JRL/CB/jaf

Enclosures

cc: W. T. Russell (NRC)
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D. Reilly (INPO)
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