

OPERATING DATA REPORT

Docket No. 50-317
Date: November 6, 1985
Completed by R. Porter
Telephone: (301) 260-4747

OPERATING STATUS

1. Unit Name:	Calvert Cliffs No. 1
2. Reporting Period:	OCTOBER
3. Licensed Thermal Power (MWT):	2,700
4. Nameplate Rating (gross MWe):	918
5. Design Electrical Rating (Net MWE):	845
6. Maximum Dependable Capacity Gross MWe:	860
7. Maximum Dependable Capacity (Net MWe):	825
8. Change In Capacity Ratings:	None
9. Power Level To Which Restricted (Net MW):	NA
10. Reasons For Restrictions:	NA

	<u>This Month</u>	<u>Yr-To-Date</u>	<u>Cumulative</u>
11. Hours In Reporting Period	745	7296	91,909
12. Number Of Hours Reactor Was Critical	601.4	3903.6	71,401.5
13. Reactor Reserve Shutdown Hours	0.0	1,034.3	3,019.4
14. Hours Generator On-line	593.6	3,724.7	69,895.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,559,254	9,609,522	173,392,259
17. Gross Electrical Energy Generated (MWH)	523,162	3,221,832	57,265,212
18. Net Electrical Energy Generated (MWH)	500,365	3,075,983	54,632,549
19. Unit Service Factor	79.7	51.1	76.0
20. Unit Availability Factor	79.7	51.1	76.0
21. Unit Capacity Factor (Using MDC Net)	81.4	51.1	72.6
22. Unit Capacity Factor (Using DER Net)	79.5	49.9	70.3
23. Unit Forced Outage Rate	20.3	21.4	9.2
24. Shutdowns Scheduled Over the Next Six Months (type, date, and duration):	none		
25. If Shutdown At End Of Report Period, Estimated Date Of Startup:	NA		

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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-317

UNIT NAME Calvert Cliffs 1

DATE November 6, 1985

COMPLETED BY R. J. Porter

TELEPHONE (301) 260-4747

REPORT MONTH October

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
85-11	851001	F	0.2	A	3	85-11	HH	INSTRU	A ground in the low pressure feedwater heater level system caused a turbine trip which tripped the reactor on loss of load.
85-12	851002	F	13.6	A	3	85-12	HH	INSTRU	A ground in the low pressure feedwater heater level system caused a turbine trip which tripped the reactor on loss of load.
85-13	851009	F	137.6	A	1	85-13	CB	PIPEXX	Unit was removed from service to repair the controlled bleed-off line on 11A reactor coolant pump.

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
Date: November 6, 1985
Completed By R. Porter
Telephone: (301)-260-4747

OCTOBER *****

Day	Average Daily Power Level (MWe-Net)	Day	Average Daily Power Level (MWe-Net)
1	651	17	865
2	419	18	867
3	720	19	866
4	864	20	867
5	864	21	869
6	865	22	870
7	863	23	870
8	864	24	870
9	659	25	871
10	0	26	873
11	0	27	872
12	0	28	874
13	0	29	876
14	0	30	877
15	124	31	875
16	859		

INSTRUCTIONS:

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

Docket No. 50-318
Date: November 6, 1985
Completed by R. Porter
Telephone: (301) 260-4747

OPERATING STATUS *****

1.	Unit Name:	Calvert Cliffs No. 2
2.	Reporting Period:	OCTOBER
3.	Licensed Thermal Power (MWT):	2,700
4.	Nameplate Rating (gross MWe):	911
5.	Design Electrical Rating (Net MWE):	845
6.	Maximum Dependable Capacity Gross MWe:	860
7.	Maximum Dependable Capacity (Net MWe):	825
8.	Change In Capacity Ratings:	None
9.	Power Level To Which Restricted (Net MW):	NA
10.	Reasons For Restrictions:	NA

		<u>This Month</u>	<u>Yr-To-Date</u>	<u>Cumulative</u>
11.	Hours In Reporting Period	745	7296	75,264
12.	Number Of Hours Reactor Was Critical	443.4	6,332.9	62,891.7
13.	Reactor Reserve Shutdown Hours	0.0	292.7	1,260.7
14.	Hours Generator On-line	433.7	6,303.5	61,922.8
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	1,152,634	16,678,113	155,399,050
17.	Gross Electrical Energy Generated (MWH)	380,239	5,497,569	51,155,772
18.	Net Electrical Energy Generated (MWH)	363,973	5,260,560	48,802,768
19.	Unit Service Factor	58.2	86.4	82.3
20.	Unit Availability Factor	58.2	86.4	82.3
21.	Unit Capacity Factor (Using MDC Net)	59.2	87.4	78.9
22.	Unit Capacity Factor (Using DER Net)	57.8	85.3	76.7
23.	Unit Forced Outage Rate	0.0	5.7	6.2
24.	Shutdowns Scheduled Over the Next Six Months (type, date, and duration): None			
25.	If Shutdown At End Of Report Period, Estimated Date Of Startup: December 1, 1985			

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-318

UNIT NAME Calvert Cliffs 2

DATE November 6, 1985

COMPLETED BY R. J. Porter

TELEPHONE (301) 260-4747

REPORT MONTH October

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
85-15	851019	S	311.3	C	1	NA	RC	FUELXX	6th scheduled refueling.

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
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4-Other (Explain)

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(NUREG-0161)

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AVERAGE DAILY UNIT POWER LEVEL

Docket No. 50-318
Calvert Cliffs Unit No. 2
Date: November 6, 1985
Completed By R. Porter
Telephone: (301)-260-4747

OCTOBER

Day	Average Daily Power Level (MWe-Net)	Day	Average Daily Power Level (MWe-Net)
1	844	17	849
2	844	18	814
3	848	19	0
4	842	20	0
5	774	21	0
6	848	22	0
7	837	23	0
8	853	24	0
9	852	25	0
10	851	26	0
11	853	27	0
12	854	28	0
13	852	29	0
14	851	30	0
15	850	31	0
16	850		

INSTRUCTIONS:

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

SUMMARY OF UNIT 1 OPERATING EXPERIENCE

OCTOBER 1985

- 10/1 At the beginning of this reporting period, the Unit was in the process of starting up, reactor critical and the main turbine being warmed. At 0011, the Unit was paralleled. Full load operation (852 MWe) was resumed at 1215.
- 10/2 At 1210, the reactor tripped on loss of load when an erroneous feedwater heater high level signal tripped the main turbine.
- 10/3 The Unit was paralleled at 0144. Resumed full load operation (849 MWe) at 0615.
- 10/9 At 2153, the Unit was removed from service to repair the controlled bleed-off line on 11A Reactor Coolant Pump.
- 10/15 The Unit was paralleled at 1529.
- 10/16 Resumed full load operation (851 MWe) at 0200.
- 10/31 At the end of this reporting period, the Unit was at 870 MWe with the reactor at 100% power.

SUMMARY OF UNIT 2 OPERATING EXPERIENCE

OCTOBER 1985

- 10/1 At the beginning of this reporting period, the Unit was at 844 MWe with the reactor at 100% power.
- 10/4 Reduced load to 724 MWe at 2200 to clean main condenser waterboxes.
- 10/5 Resumed full load operation (849 MWe) at 1100. Commenced load reduction to 754 MWe at 1215 due to high circulating water differential temperature and oscillating amperage on 23 circulating water pump. Resumed full load operation (851 MWe) at 2110.
- 10/6 Reduced load to 730 MWe at 2330 to clean main condenser waterboxes.
- 10/7 Resumed full load operation (853 MWe) at 0430.
- 10/18 Commenced shutdown for the sixth scheduled refueling outage at 2035.
- 10/19 The Unit was removed from the grid at 0142. At 1125, the reactor was shut down.
- 10/20 The reactor was placed in cold shutdown at 1550.
- 10/29 Commenced refueling at 1520.
- 10/31 At the end of this reporting period, the Unit was shut down for its sixth scheduled refueling outage.

November 5, 1985

REFUELING INFORMATION REQUEST

1. Name of Facility: Calvert Cliffs Nuclear Power Plant, Unit No. 1
2. Scheduled date for next Refueling Shutdown: October 25, 1986
3. Scheduled date for restart following refueling: December 27, 1986
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.
September 23, 1986

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) 940

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 off load.

April, 1991

November 5, 1985

REFUELING INFORMATION REQUEST

1. Name of Facility: Calvert Cliffs Nuclear Power Plant, Unit No. 2.
2. Scheduled date for next refueling shutdown: October 19, 1985.
3. Scheduled date for restart following refueling: December 1, 1985.
4. Will refueling or resumption of operation thereafter require a technical specification change or other licensed 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.
September 2, 1985

6. Important licensing considerations associated with refueling.

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

7. The number of fuel assemblies (a) in the core and (b) in the Spent Fuel Storage Pool.

(a) 217

(b) 940

Spent Fuel Pool is 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 required 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 off load.

April, 1991

BALTIMORE GAS AND ELECTRIC COMPANY

P.O. BOX 1475

BALTIMORE, MARYLAND 21203

NUCLEAR POWER DEPARTMENT
CALVERT CLIFFS NUCLEAR POWER PLANT
LUSBY, MARYLAND 20657

November 6, 1985

Director, Office of Inspection
and Enforcement
U. S. Nuclear Regulatory Commission
Washington, DC 20055

Attention: Document Control Desk

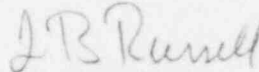
Subject: **October Operating Data Reports for Calvert
Cliffs Units 1 and 2 (Dockets 50-317 and 50-318)**

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 Bob Porter (301)-260-4747.

Sincerely,



L. B. Russell
Plant Superintendent

LBR/djw

Attachment

Copies: R. F. Ash (BG&E)
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