

SUMMARY OF UNIT 1 OPERATING EXPERIENCE

JULY 1985

- 7/1 At the beginning of this reporting period, Unit 1 was shut down continuing its seventh scheduled refueling outage.
- 7/29 Repairs were completed on the main generator and Reactor Coolant System heatup was commenced at 1300.
- 7/30 At 0445, 11B Reactor Coolant Pump upper and lower shaft seals failed. Heatup was secured and cooldown was commenced at 0505 to facilitate replacement of the seals.
- 7/31 At the end of this reporting period, Unit 1 was shut down continuing its seventh scheduled refueling outage.

8508190531 850731
PDR ADOCK 05000317
R PDR

11/1

SUMMARY OF UNIT 2 OPERATING EXPERIENCE

JULY 1985

- 7/1 At the beginning of this reporting period, Unit 2 was at 837 MWe with the reactor at 100% power.
- 7/5 Reduced load to 817 MWe at 2337 for a Moderator Temperature Coefficient (MTC) measurement.
- 7/7 At 1430, MTC measurement was completed and full load operation (837) MWe) was resumed.
- 7/11 Reduced load to 658 MWe at 2105 to allow main turbine control valve testing and condenser tube bulleting.
- 7/12 Resumed full load operation (828 MWe) at 1010.
- 7/17 Reduced load to 744 MWe at 0100 while placing 26 feedwater heater in service. Resumed full load operation (830 MWe) at 0235.
- 7/23 At 2330, commenced shutting down to repair the cold reheat piping.
- 7/24 The Unit was removed from the grid at 0117 and the reactor shut down at 0145.
- 7/31 At the end of this reporting period, the Unit was shut down continuing a planned outage while repairs were being made to 21 Main Steam Isolation Valve hydraulic system.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-317

UNIT NAME Calvert Cliffs 1

DATE August 12, 1985

COMPLETED BY R. J. Porter

TELEPHONE (301)-260-4747

REPORT MONTH JULY

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
85-03	850701	S	744.0	C	4	NA	RC	FUELXX	The 7th scheduled refueling outage, which commenced on April 5, 1985, is continuing due to insulation failure on the main generator stator and failed upper and lower shaft seals on 11B Reactor Coolant Pump. The main generator repairs were completed on July 29, 1985.

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

OPERATING DATA REPORT

Docket No. 50-317
Date: August 12, 1985
Completed by R. Porter
Telephone: (301) 260-4747

OPERATING STATUS *****

1.	Unit Name:	Calvert Cliffs No. 1
2.	Reporting Period:	JULY 1985
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 MWe):	NA
10.	Reasons For Restrictions:	NA

	<u>This Month</u>	<u>Yr-To-Date</u>	<u>Cumulative</u>	
11.	Hours In Reporting Period	744	5,087	89,700
12.	Number Of Hours Reactor Was Critical	0.0	2,282.6	69,780.5
13.	Reactor Reserve Shutdown Hours	0.0	734.3	2,719.4
14.	Hours Generator On-line	0.0	2,184.2	68,355.0
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	0.0	5,792,566	169,575,303
17.	Gross Electrical Energy Generated (MWH)	0.0	1,968,684	56,012,064
18.	Net Electrical Energy Generated (MWH)	0.0	1,882,872	53,439,438
19.	Unit Service Factor	0.0	42.9	76.2
20.	Unit Availability Factor	0.0	42.9	76.2
21.	Unit Capacity Factor (Using MDC Net)	0.0	44.9	72.8
22.	Unit Capacity Factor (Using DER Net)	0.0	43.8	70.5
23.	Unit Forced Outage Rate	0.0	27.2	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: 8/6/85

AVERAGE DAILY UNIT POWER LEVEL

Docket No. 50-317
Calvert Cliffs Unit No. 1
Date: August 12, 1985
Completed By R. Porter
Telephone: (301)-260-4747

JULY 1985

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	31	0
16	0		

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-318

UNIT NAME Calvert Cliffs 2

DATE August 12, 1985

COMPLETED BY R. J. Porter

TELEPHONE (301)-260-4747

REPORT MONTH JULY

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
85-06	850711	S	10.0	B	N/A	N/A	HA	VALVEX	Load was reduced to allow main turbine control valve testing and condenser tube bulleting.
85-07	850723	S	190.3	A	1	N/A	CC	PIPEXX	The Unit was shut down to repair cold reheat piping. Startup is being delayed while repairs are made to 21 Main Steam Isolation Valve hydraulic system.

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:
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OPERATING DATA REPORT

Docket No. 50-318
Date: August 12, 1985
Completed by R. Porter
Telephone: (301) 260-4747

OPERATING STATUS *****

1.	Unit Name:	Calvert Cliffs No. 2
2.	Reporting Period:	JULY 1985
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 MWe):	NA
10.	Reasons For Restrictions:	NA

	<u>This Month</u>	<u>Yr-To-Date</u>	<u>Cumulative</u>	
11.	Hours In Reporting Period	744	5,087	73,055
12.	Number Of Hours Reactor Was Critical	553.8	4,527.9	61,086.7
13.	Reactor Reserve Shutdown Hours	190.3	190.3	1,158.3
14.	Hours Generator On-line	553.3	4,511.9	60,131.2
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	1,468,212	11,968,830	150,689,767
17.	Gross Electrical Energy Generated (MWH)	476,765	3,967,950	49,626,153
18.	Net Electrical Energy Generated (MWH)	456,393	3,795,937	47,338,145
19.	Unit Service Factor	74.4	88.7	82.3
20.	Unit Availability Factor	74.4	88.7	82.3
21.	Unit Capacity Factor (Using MDC Net)	74.4	90.4	78.9
22.	Unit Capacity Factor (Using DER Net)	72.6	88.3	76.7
23.	Unit Forced Outage Rate	0.0	7.9	6.3
24.	Shutdowns Scheduled Over the Next Six Months (type, date, and duration): Sixth Refueling Outage - October 19, 1985 to December 22, 1985			
25.	If Shutdown At End Of Report Period, Estimated Date Of Startup: 8/6/85			

AVERAGE DAILY UNIT POWER LEVEL

Docket No. 50-318
Calvert Cliffs Unit No. 2
Date: August 12, 1985
Completed By R. Porter
Telephone: (301)-260-4747

JULY 1985

Day	Average Daily Power Level (MWe-Net)	Day	Average Daily Power Level (MWe-Net)
1	840	17	815
2	841	18	827
3	837	19	827
4	837	20	827
5	838	21	827
6	820	22	825
7	826	23	816
8	837	24	12
9	837	25	0
10	835	26	0
11	818	27	0
12	774	28	0
13	824	29	0
14	826	30	0
15	825	31	0
16	823		

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.

August 2, 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

August 2, 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 4, 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

August 12, 1985

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

Attention: Document Control Desk

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

Gentlemen:

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

If there are any questions, please contact Bob Porter (301)-260-4747.

Sincerely,

LBR
L. B. Russell
Plant Superintendent

LBR/djw

Attachment

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