

LOADING DATA REPORT

PLANT NO. 31-317
DATE 11-16-34
ORDER NO. 545-VV-117
TELEPHONE 1311 737-5365

OPERATING STATUS
0000000000000000

- 1. UNIT NAME : CALVERT CLIFFS NO. 1
- 2. REPORTING PERIOD : OCTOBER 1934
- 3. LICENSED THERMAL POWER (MWT) : 2,470
- 5. NAMEPLATE RATING (CRS) (MWT) : 918
- 6. DESIGN ELECTRICAL RATING (NET MWT) : 845
- 7. MAXIMUM DEPENDABLE CAPACITY (NET MWT) : 850
- 8. MAXIMUM DEPENDABLE CAPACITY (NET MWT) : 323
- 9. IF CHANGES OCCUR IN CAPACITY RATINGS ITEMS NUMBER 3 THROUGH 7 SINCE LAST REPORT, GIVE REASONS.
- 10. PLANT LEVEL TO WHICH RESTRICTED (NET MWT) :
- 11. REASONS FOR RESTRICTIONS.

	MINUTE	PERCENTAGE	ADJUSTIVE
	000000	00000000	00000000
11. HOURS IN REPORTING PERIOD	745.0	73.7.0	83149.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	732.7	65.7.3	55472.2
13. REACTOR RESERVE CAPACITY (NET MWT) HOURS	12.3	1.0.3	1900.2
14. HOURS REACTOR IN LIVE	726.3	63.5.3	55182.2
15. NET RESERVE CAPACITY HOURS	3.0	1.0	0.0
16. NETS THERMAL ENERGY GENERATED (MWH)	133743.2	1713.343.	151250664.
17. NETS ELECTRICAL ENERGY GENERATED (MWH)	54277.7	575.747.	53184958.
18. NETS ELECTRICAL ENERGY GENERATED (MWH)	52294.1	553.711.	51743675.
19. UNIT SERVICE FACTOR	97.5	97.0	78.4
20. UNIT AVAILABILITY FACTOR	97.5	97.0	78.4
21. UNIT CAPACITY FACTOR (NET MWT)	101.3	91.2	79.8
22. UNIT CAPACITY FACTOR (NET MWT)	93.4	84.1	72.2
23. UNIT ENERGY OUTPUT (MWH)	6.4	12.1	6.0
24. SCHEDULES SUBMITTED OVER THE REPORT PERIODS (TYPE, DATE, AND OPERATION) :			

25. IF SCHEDULES AT END OF REPORT PERIOD, ESTIMATE DATE OF START-UP :

26. UNIT IN TEST STATUS (CHECK APPROPRIATE COLUMNS)

INITIAL CRITICALITY
INITIAL CAPACITY
DATE OF TEST OPERATION

8411280414 841031
PDR ADOCK 05000317
R PDR

OPERATING DATA REPORT

LOGNET NO. 50-310
 DATE 11-14-85
 COMPILED BY J. R. V. G. J. G. J. G.
 TELEPHONE (301) 787-5365

1. UNIT NAME: ALBERT SLIPS NO. 2
2. REPORTING PERIOD: OCTOBER 1984
3. LICENSED THERMAL POWER RANGE: 1,441 to 2,707
4. NAMEPLATE RATING: GROSS WGT 2.911
5. DESIGN ELECTRICAL RATING: NET WGT 1.845
6. MAXIMUM DEPENDABLE CAPACITY: GROSS WGT 2.850
7. MAXIMUM DEPENDABLE CAPACITY: NET WGT 1.825
8. IS THERE A YEAR IN CAPACITY RATINGS? NUMBER 3. FURTHER SINCE LAST REPORT, GIVE REASONS.
9. POWER LEVEL IN WHICH RESTRICTED UNIT WAS:
10. REASONS FOR RESTRICTIONS:

UNITARY	PERIOD DATE	CUMULATIVE
0000000	0000000000	0000000000
765.0	732.0	55504.0
734.4	5197.0	55094.8
10.2	19.2	968.0
722.1	5043.1	54155.3
0.0	0.0	0.0
1252451.6	1331371.6	136355425.6
522257.6	5286637.6	64355925.6
595137.6	6370376.6	62276135.6
36.7	58.9	91.4
36.7	58.9	91.4
35.0	57.7	77.0
34.5	55.1	75.3
3.3	10.0	3.2

11. HOURS IN REPORTING PERIOD
12. NUMBER OF HOURS REACTOR WAS CRITICAL
13. REACTOR RESERVE SHIFTS IN HOURS
14. HOURS GENERATOR ON LINE
15. UNIT RESERVE SHIFTS IN HOURS
16. GROSS THERMAL ENERGY GENERATED (MMWH)
17. NET ELECTRICAL ENERGY GENERATED (MMWH)
18. NET ELECTRICAL ENERGY GENERATED (MMWH)
19. UNIT SERVICE FACTOR
20. UNIT AVAILABILITY FACTOR
21. UNIT CAPACITY FACTOR USING NET WGT
22. UNIT CAPACITY FACTOR USING GROSS WGT
23. UNIT FUELED VITAE RATE
24. SHIFTS COMPLETED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION):
25. IS THERE A YEAR IN REPORTING PERIOD, ESTIMATE DATE OF START-UP:
26. UNIT IN THE STATUS PERIODS: COMMERCIAL OPERATION, INITIAL CAPACITY, INITIAL RESERVE CAPACITY, COMMERCIAL OPERATION

STORAGE DAILY UNIT 1963 1000

31561 MI. 52-317
JULY COVERED TILES NO. 1
DATE 11-14-75
CORP. FILED BY T.F. YN 35464
TELEPHONE 1311 737-5365

INDEX 1234

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DAY AVERAGE DAILY POWER LEVEL
(WAT - MET)

1	455.
2	574.
3	216.
4	334.
5	352.
6	457.
7	353.
8	459.
9	358.
10	459.
11	353.
12	454.
13	352.
14	471.
15	371.
16	471.
17	452.
18	459.
19	457.
20	459.
21	458.
22	470.
23	356.
24	458.
25	451.
26	464.
27	458.
28	469.
29	454.
30	450.
31	457.

AVERAGE DAILY UNIT POWER LEVEL

UNIT NO. 01-314
UNIT COMMENT: TESTS VT. 2
DATE 11-14-55
COMPLETED BY J.F. YN 1541FY
TELEPHONE (313) 787-5365

313054 1734
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DAY AVERAGE DAILY POWER LEVEL
(MWF - NPT)

1	867.
2	718.
3	628.
4	75.
5	782.
6	533.
7	855.
8	854.
9	365.
10	810.
11	812.
12	865.
13	845.
14	855.
15	851.
16	851.
17	851.
18	852.
19	452.
20	752.
21	823.
22	789.
23	418.
24	852.
25	855.
26	858.
27	853.
28	861.
29	850.
30	859.
31	852.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-317
 UNIT NAME Calvert Cliffs No. 1
 DATE 11/14/84
 COMPLETED BY F. Bewley
 TELEPHONE (301) 787-5365

REPORT MONTH OCTOBER

No.	Date	Type	Duration (Hours)	Reason	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
84-07	841002	F	18.2	H	1		HF	HTEXCH	Unit was shut down due to the reduction of main circulating water flow caused by impingement of a large number of jellyfish on the traveling screens.

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-Continuation
 5-Load Reduction
 9-Other

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

⁵
 Exhibit I - Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50.318
 UNIT NAME Calvert Cliffs No. 2
 DATE 11/14/84
 COMPLETED BY F. Rowley
 TELEPHONE (301) 787-5365

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
84-09	841003	F	15.0	A	1		XX	ZZZZZZ	Unit was forced out of service on low steam generator water level following the trip of 22 Steam Generator Feed Pump.
84-10	841003	F	9.1	A	1		HJ	VALVEX	Reactor was forced out of service due to the Steam Generator Safety Valve which would not reset.

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-Continuation
 5-Load Reduction
 9-Other

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

⁵
 Exhibit I - Same Source

November 6, 1984

REFUELING INFORMATION REQUEST

1. Name of Facility: Calvert Cliffs Nuclear Power Plant, Unit No. 1
2. Scheduled date for next Refueling Shutdown: March 23, 1985
3. Scheduled date for restart following refueling: May 26, 1985
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 20, 1985
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) 868

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 6, 1984

REFUELING INFORMATION REQUEST

1. Name of Facility: Calvert Cliffs Nuclear Power Plant, Unit No. 2.
2. Scheduled date for next refueling shutdown: October 5, 1985.
3. Scheduled date for restart following refueling: December 8, 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) 868

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

SUMMARY OF UNIT 1 OPERATING EXPERIENCE FOR

OCTOBER 1984

- 10/1 At the beginning of this reporting period, Unit 1 was at 863 MWe with the reactor at 100% power.
- 10/2 At 1607 the reactor was manually tripped due to the reduction of main circulating water flow caused by impingement of a large number of jellyfish on the traveling screens.
- 10/3 The reactor was brought critical at 0410. The main turbine was paralleled to the grid at 1020 and escalation to 100% was commenced.
- 10/4 Resumed full load operation (856 MWe) at 0930.
- 10/25 Reduced load to 773 MWe at 2000 due to the reduction of main circulating water flow caused by impingement of a large number of jellyfish on the traveling screens.
- 10/26 Resumed full load operation (865 MWe) at 0245.
- 10/29 Power was reduced to 855 MWe at 1045 when 12 Heater Drain Tank High Level Dump Valve failed open. Resumed full load operation (864 MWe) at 1200.
- 10/31 At the end of this reporting period, Unit 1 was operating at 866 MWe with the reactor at 100% power.

SUMMARY OF UNIT 2 OPERATING EXPERIENCE FOR

OCTOBER 1984

- 10/1 At the beginning of this reporting period, Unit 2 was at 868 MWe with the reactor at 100% power.
- 10/2 Reduced load to 360 MWe at 1555 due to the reduction of main circulating water flow caused by impingement of a large number of jellyfish on the traveling screens.
- 10/3 Commenced increasing power at 0530. At 0750 power was held at 600 MWe while repairs were being made to 21 Steam Generator Feed Pump. Recommenced increasing power at 1630. The reactor tripped at 1948 on low Steam Generator water level following the trip of 22 Steam Generator Feed Pump.
- 10/4 At 1200 a Steam Generator Safety Valve lifted and did not reseal immediately. Subsequent testing and verification of operability delayed startup until 1800. At 2044 the unit was paralleled to the grid.
- 10/5 Resumed full load operation (855 MWe) at 1430.
- 10/6 At 0515 power was reduced to 600 MWe for maintenance on Steam Generator feed pumps. Resumed full load operation (864 MWe) at 1315.
- 10/10 Power was reduced to 668 MWe at 1645 while repairs were made to 22 Heater Drain Tank Level Control Valve.
- 10/11 Resumed full load operation (861 MWe) at 0650.
- 10/12 Reduced load to 708 MWe at 2120 due to the reduction of main circulating water flow caused by impingement of a large number of jellyfish on the traveling screens.
- 10/13 Resumed full load operation (861 MWe) at 0410.

SUMMARY OF UNIT 2 OPERATING EXPERIENCE FOR

OCTOBER 1984

- 10/18 Reduced load to 778 MWe at 0050 due to the reduction of main circulating water flow caused by impingement of a large number of jellyfish on the traveling screens. Resumed full load operation (861 MWe) at 0510.
- 10/20 At 0435 power was reduced to 553 MWe for maintenance on 21 Steam Generator Feed Pump. At 1020 commenced escalation to full power. Resumed full load operation (865 MWe) at 2150.
- 10/21 At 1130 power was reduced to 786 MWe, when 23 Circulating Water Pump was shutdown due to excessive wear of its pump guide bearing.
- 10/23 Resumed full load operation (860 MWe) at 1820.
- 10/31 At the end of this reporting period, Unit 2 was operating at 863 MWe with the reactor at 100%.



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

FOSSIL POWER DEPARTMENT

November 14, 1984

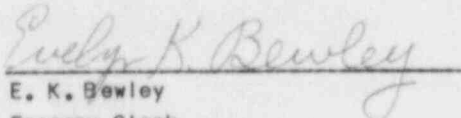
Director Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D.C. 20055

ATTENTION: Document Control Desk

Gentlemen:

Enclosed herewith is the October 1984 - Operation Status Report for Calvert Cliffs No. 1 Unit, (Docket 50-317) and Calvert Cliffs No. 2 Unit, (Docket 50-318).

Sincerely,



E. K. Bewley
Economy Clerk
Production Economy and Results Unit
Fossil Power Department

Enclosure

cc: Messrs	E. Wenzinger	T. Foley
	R. R. Mills	L. Russell
	P. Ross	P. Sierer, Jr.
	M. Beebe	B. H. Amoss, II
	D. Reilly	R. Ash
	T. Magette	J. Tiernan
	A. Lundvall	

EKB/meh
wp/NRC

IB24
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