

LOADING DATA REPORT

REPORT NO. 51-117
 DATE 11-16-34
 ORDER NO. 545-VV-117
 TELEPHONE 1311 737-5365

OPERATING STATUS
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1. UNIT NAME : CALVERT CLIFFS NO. 1
2. REPORTING PERIOD : OCTOBER 1934
3. LICENSED THERMAL POWER (KW) : 2,400
4. NAMEPLATE RATING (KISS WAT) : 918
5. DESIGN ELECTRICAL RATING (NET MW) : 845
6. MAXIMUM DEPENDABLE CAPACITY (KISS WAT) : 850
7. MAXIMUM DEPENDABLE CAPACITY (NET MW) : 325
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS :
9. PLANT LEVEL TO WHICH RESTRICTED (NET MW) :
10. REASONS FOR RESTRICTIONS :

	MINIMUM	MAXIMUM	ADJUSTIVE
	000000	00000000	00000000
11. HOURS IN REPORTING PERIOD	745.0	732.0	83149.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	732.0	651.3	55472.2
13. REACTOR RESERVE CAPACITY (KISS WAT)	12.3	12.3	1900.2
14. REACTOR RESERVE CAPACITY (NET MW)	726.3	643.3	55182.2
15. REACTOR RESERVE CAPACITY (KISS WAT)	3.0	3.0	0.0
16. THERMAL ENERGY GENERATION (KWH)	1337430.	1710340.	151250644.
17. ELECTRICAL ENERGY GENERATION (KWH)	542727.	5157473.	53184758.
18. NET ELECTRICAL ENERGY GENERATION (KWH)	522941.	503711.	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 (KISS WAT)	101.3	91.2	79.8
22. UNIT CAPACITY FACTOR (NET MW)	93.2	83.1	72.2
23. UNIT ENERGY STORAGE (KWH)	0.0	0.0	0.0
24. SCHEDULED SHUTDOWNS DURING THE REPORTING PERIOD :			

25. IF SHUTDOWNS AT END OF REPORT PERIOD, ESTIMATED DATE OF START-UP :
26. UNIT IN TEST STATUS (ENTER "COMMERCIAL OPERATION")
- INITIAL CRITICALITY
- INITIAL CRITICALITY
- INITIAL CRITICALITY

8411280414 841031
 PDR ADOCK 08000317
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OPERATING DATA REPORT

PROJECT NO. 55-318
DATE 11-14-85
COMPILED BY J. G. V. M. J. J. J.
TELEPHONE (301) 787-5365

OPERATING STATUS
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1. UNIT NAME : ALBERT ELIENS NO. 2
2. REPORTING PERIOD : OCTOBER 1984
3. LICENSED THERMAL POWER (MW) : 2.701
4. NAMEPLATE RATING (GROSS MW) : 3.11
5. DESIGN ELECTRICAL RATING (NET MW) : 3.45
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MW) : 3.50
7. MAXIMUM DEPENDABLE CAPACITY (NET MW) : 3.25
8. IS THERE A LIMIT IN CAPACITY RATINGS? NUMBER 3 FURTHER II SINCE LAST REPORT. GIVE REASONS :
9. POWER LEVEL IN WHICH RESTRICTED UNIT WAS :
10. REASONS FOR RESTRICTIONS :

	MINIMUM	MAXIMUM	PERCENTAGE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	745.0	732.0		55504.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	734.4	5157.0		55094.8
13. REACTOR RESERVE SHUTDOWN HOURS	10.2	10.2		968.0
14. HOURS GENERATOR ON LINE	722.1	5043.1		54155.3
15. NET RESERVE SHUTDOWN HOURS	0.0	0.0		0.0
16. GROSS THERMAL ENERGY GENERATED (MMWH)	1252451.4	1301371.4		136355405.4
17. GROSS ELECTRICAL ENERGY GENERATED (MMWH)	522257.7	628663.4		66355425.4
18. NET ELECTRICAL ENERGY GENERATED (MMWH)	595137.7	637037.4		62226135.4
19. UNIT SERVICE FACTOR	36.7	50.3		41.4
20. UNIT AVAILABILITY FACTOR	36.7	50.3		41.4
21. UNIT CAPACITY FACTOR (USING NET MW)	35.0	50.7		77.0
22. UNIT CAPACITY FACTOR (USING GROSS MW)	34.5	50.1		75.3
23. UNIT FUEL-OIL VOLUME (GAL)	4.3	10.0		0.2
24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION) :				

25. IS THERE A LIMIT IN REPORT PERIOD. ESTIMATED DATE OF REPORT : 12
26. UNIT IN TEST STATUS DURING REPORTING PERIOD
INITIAL CAPACITY
INITIAL RESERVE
OPERATING DURATION

[illegible]

4561-360120

[illegible][illegible]

1	355.
2	574.
3	215.
4	334.
5	352.
6	367.
7	353.
8	353.
9	358.
10	369.
11	352.
12	356.
13	352.
14	371.
15	371.
16	371.
17	352.
18	369.
19	357.
20	359.
21	353.
22	370.
23	356.
24	358.
25	351.
26	364.
27	353.
28	369.
29	353.
30	350.
31	357.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH OCTOBER

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

No.	Date	Type	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
84-07	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

REPORT MONTH OCTOBER

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

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 reseal.

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

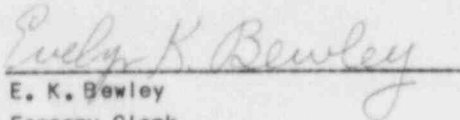
Director Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D.C. 20055

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. Slater, Jr.
	M. Beebe	B. H. Amoss, II
	D. Reilly	R. Ash
	T. Magette	J. Tiernan
	A. Lundvall	

EKB/meh
wp/NRC

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