

Peter E. Katz
Plant General Manager

1650 Calvert Cliffs Parkway
Lusby, Maryland 20657
410 495-4101



Constellation
Nuclear

**Calvert Cliffs
Nuclear Power Plant**

*A Member of the
Constellation Energy Group*

May 9, 2001

U. S. Nuclear Regulatory Commission
Washington, DC 20555

ATTENTION: Document Control Desk

SUBJECT: Calvert Cliffs Nuclear Power Plant
Unit Nos. 1 & 2; Docket Nos. 50-317 & 50-318
April 2001 Operating Data Reports

The subject reports are being sent to you as required by Technical Specification 5.6.4.

Should you have questions, please contact Mr. Bruce B. Mrowca at (410) 495-3989.

Very truly yours,

PEK/TWG/dlm

Attachments

cc: R. S. Fleishman, Esquire
J. E. Silberg, Esquire
Director, Project Directorate I-1, NRC
D. M. Skay, NRC
H. J. Miller, NRC

Resident Inspector, NRC
R. I. McLean, DNR
P. Lewis, INPO
K. N. Larson, ANI

A001

 OPERATING DATA REPORT

 Docket No. 50-317
 Calvert Cliffs Unit 1
 May 2, 2001
 Prepared by Herman O. Olsen
 Telephone: (410)495-6734

REPORTING PERIOD APRIL 2001
 DESIGN ELECTRICAL RATING (NET MWe) 845
 MAXIMUM DEPENDABLE CAP'Y (NET MWe) 825

	* This month	Year- to-Date	Cumulative to Date
	-----	-----	-----
1. NUMBER OF HOURS REACTOR WAS CRITICAL	719.0	2,879.0	164,202.9
2. HOURS GENERATOR ON LINE	719.0	2,879.0	161,186.0
3. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
4. NET ELECTRICAL ENERGY GENERATED (MWH)	623,493	2,496,879	131,114,580

UNIT SHUTDOWNS

DOCKET NO.	50-317
UNIT NAME	Calvert Cliffs - U1
DATE	May 3, 2001
COMPLETED BY	Herman O. Olsen
TELEPHONE	(410) 495-6734

REPORTING MONTH April 2001

NO.	DATE	TYPE	DURATION (HOURS)	REASON ¹	METHOD OF SHUTTING DOWN ²	CAUSE/CORRECTIVE ACTIONS
		F: FORCED S: SCHEDULED				COMMENTS
						There were no shutdowns this month.

¹ Reason:

- A - Equipment Failure
- B - Maintenance or Test
- C - Refueling
- D - Regulatory Restriction
- E - Operator Training & License Examination
- F - Administrative
- G - Operational Error
- H - Other

² Method:

- 1 - Manual
- 2 - Manual Scram.
- 3 - Automatic Scram.
- 4 - Continued
- 5 - Other

DOCKET NO. 50-317
CALVERT CLIFFS - UNIT 1
May 3, 2001

SUMMARY OF OPERATING EXPERIENCE

April 2001

The unit operated at 100% power for the entire month.

 OPERATING DATA REPORT

 Docket No. 50-318
 Calvert Cliffs Unit 2
 May 2, 2001
 Prepared by Herman O. Olsen
 Telephone: (410) 495-6734

REPORTING PERIOD APRIL 2001
 DESIGN ELECTRICAL RATING (NET MWe) 845
 MAXIMUM DEPENDABLE CAP'Y (NET MWe) 835

	* This month	Year- to-Date	Cumulative to Date
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1. NUMBER OF HOURS REACTOR WAS CRITICAL	0.0	1,800.0	154,645.7
2. HOURS GENERATOR ON LINE	0.0	1,799.3	152,831.4
3. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
4. NET ELECTRICAL ENERGY GENERATED (MWH)	0	1,552,527	125,065,848

* Time change

UNIT SHUTDOWNS

DOCKET NO.	50-318
UNIT NAME	Calvert Cliffs-U2
DATE	May 3, 2001
COMPLETED BY	Herman O. Olsen
TELEPHONE	(410) 495-6734

REPORT MONTH April 2001

NO.	DATE	TYPE	DURATION (HOURS)	REASON ¹	METHOD OF SHUTTING DOWN ²	CAUSE/CORRECTIVE ACTIONS
		F: FORCED S: SCHEDULED				COMMENTS
01-001	01/03/16	S	719.0	C	1	The unit was shutdown for a planned refueling outage for the entire month.

¹ Reason:

- A - Equipment Failure
- B - Maintenance or Test
- C - Refueling
- D - Regulatory Restriction
- E - Operator Training & License Examination
- F - Administrative
- G - Operational Error
- H - Other

² Method:

- 1 - Manual
- 2 - Manual Scram.
- 3 - Automatic Scram.
- 4 - Continued
- 5 - Other

DOCKET NO. 50-318
CALVERT CLIFFS - UNIT 2
May 3, 2001

SUMMARY OF OPERATING EXPERIENCE

April 2001

The unit began the month in Mode 6 (refueling).

On 04/21/2001 the unit entered Mode 5 after the reactor vessel head was installed. Inspection of the In Core Instrumentation (ICI) flanges identified that the flanges protruded beyond the expected amount. The unit entered Mode 6 on 04/22/2000 at 2148 to removed the reactor vessel head and inspect the thimble support plate alignment.

On 04/26/2001 at 0120 the unit again entered Mode 5 after resolution of the ICI flange modification and reactor vessel head installation.

The following significant work was completed during the month:

- The reactor was refueled.
- ICI flange modifications.
- Steam Generator eddy current testing.

The unit remained in Mode 5 for the remainder of the month.