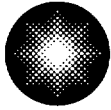


**Peter E. Katz**  
Plant General Manager

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



**Constellation  
Nuclear**

**Calvert Cliffs  
Nuclear Power Plant**

*A Member of the  
Constellation Energy Group*

June 15, 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  
May 2001 Operating Data Reports

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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,

for  
Peter E. Katz  
Plant General Manager

PEK/TWG/bjd

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

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OPERATING DATA REPORT
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Docket No. 50-317  
Calvert Cliffs Unit 1  
June 6, 2001  
Prepared by Herman O. Olsen  
Telephone: (410) 495-6734

REPORTING PERIOD	MAY 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	718.2	3,597.2	164,921.1
2. HOURS GENERATOR ON LINE	711.8	3,590.8	161,897.8
3. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
4. NET ELECTRICAL ENERGY GENERATED (MWH)	600,465	3,097,344	131,715,045

## UNIT SHUTDOWNS

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

REPORTING MONTH May 2001

NO.	DATE	TYPE	DURATION (HOURS)	REASON <sup>1</sup>	METHOD OF SHUTTING DOWN <sup>2</sup>	CAUSE/CORRECTIVE ACTIONS
		F: FORCED S: SCHEDULED				COMMENTS
01-001	01/05/19	S	32.2	B	1	On 05/18/01, a reduction in power was commenced in preparation for a scheduled maintenance outage to balance 11A Reactor Coolant Pump. The unit was removed from the grid on 05/19/01 at 0150, and entered Mode 3 at 0220. Balance shot was added and all required tests were performed. The unit was taken critical and paralleled to the grid on 05/20/01 at 1005.

<sup>1</sup> 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

<sup>2</sup> Method:

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

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

## SUMMARY OF OPERATING EXPERIENCE

May 2001

The unit began the month at 100% power.

On 05/18/01 at 2205, a power reduction was commenced in preparation for a planned maintenance outage. The unit was removed from the grid on 05/19/01 at 0150, to balance 11A Reactor Coolant Pump. All required maintenance and testing were completed and the reactor was taken critical on 05/20/01 at 0410. The unit was paralleled at 1005. The unit was returned to 100% power on 05/25/01 at 1830, after completion of waterbox cleaning and the thermal limitations due to steam generator chemical hideout were overcome.

The unit operated at 100% power for the remainder of the month.

\*\*\*\* OPERATING DATA REPORT \*\*\*\*

\*\*\*\* Docket No. 50-318  
 Calvert Cliffs Unit 2  
 June 6, 2001  
 Prepared by Herman O. Olsen  
 Telephone: (410) 495-6734 \*\*\*\*

REPORTING PERIOD MAY 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	443.4	2,243.4	155,089.1
2. HOURS GENERATOR ON LINE	417.7	2,217.0	153,249.1
3. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
4. NET ELECTRICAL ENERGY GENERATED (MWH)	337,084	1,889,611	125,402,932

# UNIT SHUTDOWNS

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

REPORT MONTH May 2001

NO.	DATE	TYPE	DURATION (HOURS)	REASON <sup>1</sup>	METHOD OF SHUTTING DOWN <sup>2</sup>	CAUSE/CORRECTIVE ACTIONS
		F: FORCED S: SCHEDULED				COMMENTS
01-001	01/03/16	S	326.3	C	1	The unit was shutdown in mode 5 for a planned refueling outage at the beginning of the month. The outage ended on 05/14/01 at 1420, when the unit was paralleled.

<sup>1</sup> 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

<sup>2</sup> Method:

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

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

## SUMMARY OF OPERATING EXPERIENCE

May 2001

The unit began the month in Mode 5.

On 05/04/01, PORV-402 and PORV-404 were determined to have excessive seat leakage. The unit heat up was suspended until the valves were flushed and reseated.

On 05/08/01, check valve 2SI217 was identified to be leaking by the seat. Several attempts were made to reseal the check valve however the unit was required to cool down to Mode 5 to allow repairs.

Repairs to 2SI217 were completed and the unit was heated up and taken critical on 05/13/01 at 1235. Power was increased and the unit was paralleled to the grid on 05/14/01 at 1420.

The unit reached 100% power on 05/20/01 at 0000, and continued to operate at 100% power for the remainder of the month.

The following significant work was completed during the month:

- Reactor vessel reassembled.
- Physics Testing.