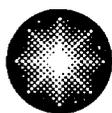


Kevin J. Nietmann  
Plant General Manager

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## Constellation Energy

Calvert Cliffs Nuclear Power Plant

March 15, 2005

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  
February 2005 Monthly Operating 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 regarding this matter, we will be pleased to discuss them with you.

Very truly yours,

KJN/CAN/bjd

Attachment: February 2005 Monthly Operating Reports

cc: C. W. Fleming, Esquire  
R. V. Guzman, NRC  
S. J. Collins, NRC  
Resident Inspector, NRC

R. I. McLean, DNR  
S. Mainieri, INPO  
K. N. Larson, ANI

IE24

**ATTACHMENT**

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**FEBRUARY 2005**

**MONTHLY OPERATING REPORTS**

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MONTHLY OPERATING REPORT

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Docket No. 50-317  
Calvert Cliffs Unit 1  
March 4, 2005  
Prepared by Kenneth L. Greene  
Telephone: (410) 495-4385

REPORTING PERIOD  
DESIGN ELECTRICAL RATING (NET MWe)  
MAXIMUM DEPENDABLE CAP'Y (NET MWe)

FEBRUARY 2005  
845  
870

	This month	Year- to-Date	Cumulative to Date
	-----	-----	-----
1. NUMBER OF HOURS REACTOR WAS CRITICAL	672.0	1,416.0	201,540.3
2. HOURS GENERATOR ON LINE	672.0	1,416.0	198,336.8
3. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
4. NET ELECTRICAL ENERGY GENERATED (MWH)	602,544	1,271,616	162,945,313

## UNIT SHUTDOWNS

DOCKET NO. 50-317  
 UNIT NAME Calvert Cliffs - U1  
 DATE March 4, 2005  
 COMPLETED BY Kenneth L. Greene  
 TELEPHONE (410) 495-4385

REPORTING MONTH February 2005

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

- <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  
March 4, 2005

SUMMARY OF OPERATING EXPERIENCE

February 2005

The unit began the month at 100% reactor power.

On 02/28/2005 at 2200 the unit commenced a power reduction in preparation to take the unit off line in order to repair a steam leak on 11 Moisture Separator Reheater Drain Tank vent line. At the end of the month the unit was at approximately 30% power while continuing the power reduction.

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MONTHLY OPERATING REPORT

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Docket No. 50-318  
Calvert Cliffs Unit 2  
March 4, 2005  
Prepared by Kenneth L. Greene  
Telephone: (410) 495-4385

REPORTING PERIOD  
DESIGN ELECTRICAL RATING (NET MWe)  
MAXIMUM DEPENDABLE CAP'Y (NET MWe)

FEBRUARY 2005  
845  
858

	This month	Year- to-Date	Cumulative to Date
	-----	-----	-----
1. NUMBER OF HOURS REACTOR WAS CRITICAL	525.3	1,269.3	194,730.5
2. HOURS GENERATOR ON LINE	525.0	1,269.0	192,836.8
3. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
4. NET ELECTRICAL ENERGY GENERATED (MWH)	446,889	1,103,458	159,398,946

## UNIT SHUTDOWNS

DOCKET NO.	50-318
UNIT NAME	Calvert Cliffs-U2
DATE	March 4, 2005
COMPLETED BY	Kenneth L. Greene
TELEPHONE	(410) 495-4385

REPORT MONTH February 2005

NO.	DATE	TYPE		DURATION (HOURS)	REASON <sup>1</sup>	METHOD OF SHUTTING DOWN <sup>2</sup>	CAUSE/CORRECTIVE ACTIONS
		F: S:	FORCED SCHEDULED				COMMENTS
05-001	050222		S	147.0	C	1	On 02/22/2005 a reduction in power was commenced in preparation for the scheduled refueling outage. The refueling outage commenced at 2058 02/22/2005 when the unit was removed from the grid.

- <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  
March 4, 2005

## SUMMARY OF OPERATING EXPERIENCE

February 2005

The unit began the month at 100% reactor power.

On 02/04/2005 at 0630 commenced PSTP-10, end of fuel cycle coastdown.

On 02/17/2005 at 0600 power was reduced to 95% for Main Steam Safety Valve Testing. Testing was completed at 1500. Power was raised to 95% per PSTP-10 at 1830.

On 02/22/2005 at 1900 a reduction in power was commenced in preparation for the scheduled refueling outage. The unit was removed from the grid on 02/22/2005 at 2058.

The following significant work was completed or in progress during the month:

- Reactor vessel head was removed.
- CEA uncoupling was completed.
- Upper Guide Structure was removed.

The reactor entered mode 6 on 02/25/2005 at 2212. The unit remained in mode 6 for the remainder for the month.