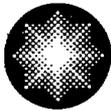


**Kevin J. Nietmann**  
Plant General Manager  
Calvert Cliffs Nuclear Power Plant  
Constellation Generation Group, LLC

1650 Calvert Cliffs Parkway  
Lusby, Maryland 20657  
410 495-4101  
410 495-4787 Fax



**Constellation  
Energy Group**

December 15, 2003

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  
November 2003 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. Thomas S. O'Meara at (410) 495-6940.

Very truly yours,

KJN/CAN/bjd

Attachments

cc: J. Petro, Esquire  
J. E. Silberg, Esquire  
Director, Project Directorate I-1, NRC  
G. S. Vissing, NRC  
H. J. Miller, NRC

Resident Inspector, NRC  
R. I. McLean, DNR  
J. Wright, INPO  
K. N. Larson, ANI

IE24



## UNIT SHUTDOWNS

DOCKET NO.	50-317
UNIT NAME	Calvert Cliffs - U1
DATE	December 3, 2003
COMPLETED BY	Herman O. Olsen
TELEPHONE	(410) 495-6734

REPORTING MONTH November 2003

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON <sup>1</sup>	METHOD OF SHUTTING DOWN <sup>2</sup>	CAUSE/CORRECTIVE ACTIONS  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  
December 3, 2003

## SUMMARY OF OPERATING EXPERIENCE

November 2003

The unit began the month at approximately 84% power. Power was returned to 100% on 11/01/2003 at 0050.

While performing inspections of piping associated with the reheat steam system, a secondary-side pipe was found to be thinning below specification. Power was reduced to approximately 30% on 11/21/2003 at 0000 for personal safety reasons. The Moisture Separator Reheaters (MSRs) were isolated and power was returned to 97% on 11/21/2003 at 0300. Repairs were performed and power was returned to 100% on 11/25/2003 at 1830.

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

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

\*\*\*\*  
 Docket No. 50-318  
 Calvert Cliffs Unit 2  
 December 3, 2003  
 Prepared by Herman O. Olsen  
 Telephone: (410) 495-6734

REPORTING PERIOD NOVEMBER 2003  
 DESIGN ELECTRICAL RATING (NET MWe) 845  
 MAXIMUM DEPENDABLE CAP'Y (NET MWe) 835

	This month	Year- to-Date	Cumulative to Date
1. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	6,423.0	183,982.8
2. HOURS GENERATOR ON LINE	720.0	6,389.5	182,094.2
3. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
4. NET ELECTRICAL ENERGY GENERATED (MWH)	629,339	5,501,582	150,088,012

**UNIT SHUTDOWNS**

DOCKET NO. 50-318  
 UNIT NAME Calvert Cliffs-U2  
 DATE December 3, 2003  
 COMPLETED BY Herman O. Olsen  
 TELEPHONE (410) 495-6734

**REPORT MONTH November 2003**

NO.	DATE	TYPE	DURATION (HOURS)	REASON <sup>1</sup>	METHOD OF SHUTTING DOWN <sup>2</sup>	CAUSE/CORRECTIVE ACTIONS
		F: FORCED S: 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. 50-318  
CALVERT CLIFFS - UNIT 2  
December 3, 2003

SUMMARY OF OPERATING EXPERIENCE

November 2003

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