

Kevin J. Nietmann
Plant General Manager

1650 Calvert Cliffs Parkway
Lusby, Maryland 20657
410.495.4101
410.495.4787 Fax



Constellation Energy
Calvert Cliffs Nuclear Power Plant

January 14, 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
December 2004 Operating Data Reports

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,

Kevin J. Nietmann
Plant General Manager

KJN/CAN/bjd

Attachments

cc: J. Petro, Esquire
J. E. Silberg, Esquire
R. V. Guzman, NRC
S. J. Collins, NRC

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

JE24

ATTACHMENT (1)

DECEMBER 2004

OPERATING DATA REPORTS

Calvert Cliffs Nuclear Power Plant, Inc.
January 14, 2005

OPERATING DATA REPORT

Docket No. 50-317
Calvert Cliffs Unit 1
January 3, 2005
Prepared by Herman O. Olsen
Telephone: (410) 495-6734

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

DECEMBER 2004
845
870

	This month	Year- to-Date	Cumulative to Date
	-----	-----	-----
1. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	8,074.9	200,124.3
2. HOURS GENERATOR ON LINE	744.0	8,035.1	196,920.8
3. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
4. NET ELECTRICAL ENERGY GENERATED (MWH)	667,686	6,973,982	161,673,697

UNIT SHUTDOWNS

DOCKET NO. 50-317
 UNIT NAME Calvert Cliffs - U1
 DATE January 3, 2005
 COMPLETED BY Herman O. Olsen
 TELEPHONE (410) 495-6734

REPORTING MONTH December 2004

NO.	DATE	TYPE		DURATION (HOURS)	REASON ¹	METHOD OF SHUTTING DOWN ²	CAUSE/CORRECTIVE ACTIONS
		F: S:	FORCED 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
January 3, 2005

SUMMARY OF OPERATING EXPERIENCE

December 2004

The unit began the month at 100% reactor power.

On 12/18/2004 at 0001 power was reduced to 85% for Main Turbine Valve testing for the stop, control and intermediate valves. Testing was completed and reactor power was returned to 100% at 0215.

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

OPERATING DATA REPORT

Docket No. 50-318
Calvert Cliffs Unit 2
January 3, 2005
Prepared by Herman O. Olsen
Telephone: (410) 495-6734

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

DECEMBER 2004
845
858

	This month	Year- to-Date	Cumulative to Date
	-----	-----	-----
1. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	8,734.4	193,461.2
2. HOURS GENERATOR ON LINE	744.0	8,729.6	191,567.8
3. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
4. NET ELECTRICAL ENERGY GENERATED (MWH)	655,534	7,552,198	158,295,488

UNIT SHUTDOWNS

DOCKET NO. 50-318
 UNIT NAME Calvert Cliffs-U2
 DATE January 3, 2005
 COMPLETED BY Herman O. Olsen
 TELEPHONE (410) 495-6734

REPORT MONTH December 2004

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. 50-318
CALVERT CLIFFS - UNIT 2
January 3, 2005

SUMMARY OF OPERATING EXPERIENCE

December 2004

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