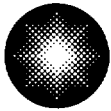


Peter E. Katz
Plant General Manager

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



Constellation
Nuclear

**Calvert Cliffs
Nuclear Power Plant**

*A Member of the
Constellation Energy Group*

April 6, 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
March 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/bjd

Attachments

cc: R. S. Fleishman, 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

IE24

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OPERATING DATA REPORT

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REPORTING PERIOD	MARCH 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	744.0	2,160.0	163,483.9
2. HOURS GENERATOR ON LINE	744.0	2,160.0	160,467.0
3. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
4. NET ELECTRICAL ENERGY GENERATED (MWH)	644,846	1,873,386	130,491,087

UNIT SHUTDOWNS

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

REPORTING MONTH March 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
April 3, 2001

SUMMARY OF OPERATING EXPERIENCE

March 2001

The unit began the month at 100% reactor power

On 03/09/2001 at 2310 power was reduced to approximately 85% for Main Turbine Valve Testing. Testing was completed on 03/10/2001 and the unit was returned to 100% at 0632.

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

 OPERATING DATA REPORT

 Docket No. 50-318
 Calvert Cliffs Unit 2
 April 3, 2001
 Prepared by Herman O. Olsen
 Telephone: (410) 495-6734

REPORTING PERIOD MARCH 2001
 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	384.0	1,800.0	154,645.7
2. HOURS GENERATOR ON LINE	383.3	1,799.3	152,831.4
3. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
4. NET ELECTRICAL ENERGY GENERATED (MWH)	318,577	1,552,527	125,065,848

UNIT SHUTDOWNS

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

REPORT MONTH March 2001

NO.	DATE	TYPE	DURATION (HOURS)	REASON ¹	METHOD OF SHUTTING DOWN ²	CAUSE/CORRECTIVE ACTIONS
		F: FORCED S: SCHEDULED				COMMENTS
01-001	00/03/16	S	360.7	C	1	On 03/16/00 a reduction in power was commenced in preparation for the scheduled refueling outage. The refueling outage commenced at 2318 when the unit was removed from the grid.

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
April 3, 2001

SUMMARY OF OPERATING EXPERIENCE

March 2001

The unit began the month at 100% reactor power.

On 03/02/2001 the unit commenced the end of fuel cycle coastdown. Power was gradually reduced until 03/16/2001 at 2000, when turbine load was reduced below 90% in preparation for the refueling outage. The unit was removed from the grid at 2318.

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

- Reactor vessel head and upper guide structure were removed.
- CEA uncoupling was completed.
- Steam Generator eddy current testing.

The reactor entered mode 6 on 03/25/2001 at 1643 and commenced refueling. The unit remained in mode 6 for the remainder of the month.