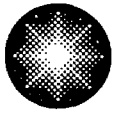


Kevin J. Nietmann
Plant General Manager

1650 Calvert Cliffs Parkway
Lusby, Maryland 20657
410.495.4101
410.495.4787 Fax



Constellation Energy

Calvert Cliffs Nuclear Power Plant

November 15, 2004

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
October 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,

for
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

IE24

OPERATING DATA REPORT

Docket No. 50-317
Calvert Cliffs Unit 1
November 5, 2004
Prepared by Herman O. Olsen
Telephone: (410) 495-6734

REPORTING PERIOD	OCTOBER 2004
DESIGN ELECTRICAL RATING (NET MWe)	845
MAXIMUM DEPENDABLE CAP'Y (NET MWe)	870

	This month	Year- to-Date	Cumulative to Date
	-----	-----	-----
1. NUMBER OF HOURS REACTOR WAS CRITICAL	745.0	6,610.9	198,660.3
2. HOURS GENERATOR ON LINE	745.0	6,571.1	195,456.8
3. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
4. NET ELECTRICAL ENERGY GENERATED (MWH)	659,619	5,661,497	160,361,212

UNIT SHUTDOWNS

DOCKET NO.	<u>50-317</u>
UNIT NAME	<u>Calvert Cliffs - U1</u>
DATE	<u>November 4, 2004</u>
COMPLETED BY	<u>Herman O. Olsen</u>
TELEPHONE	<u>(410) 495-6734</u>

REPORTING MONTH October 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. 50-317
CALVERT CLIFFS - UNIT 1
November 4, 2004

SUMMARY OF OPERATING EXPERIENCE

October 2004

The unit began the month at 100% power.

On 10/06/04 at 1000, power was reduced to approximately 95% to clean 13A waterbox. Cleaning was completed and power was returned to 100% at 1345.

On 10/12/04 at 0000, power was reduced to approximately 95% to clean 13A waterbox. Power was restored to 100% at 0445 after completion of waterbox cleaning.

On 10/13/04 at 2230, power was reduced to approximately 97% to clean 11B waterbox. Power was restored to 100% on 10/14/04 at 0250 after completion of waterbox cleaning.

On 10/15/04 at 2210 power was reduced to approximately 97% to clean 12B waterbox. Power was restored to 100% on 10/16/04 at 0400 after completion of waterbox cleaning.

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

 OPERATING DATA REPORT

Docket No. 50-318
 Calvert Cliffs Unit 2
 November 5, 2004
 Prepared by Herman O. Olsen
 Telephone: (410) 495-6734

REPORTING PERIOD	OCTOBER 2004
DESIGN ELECTRICAL RATING (NET MWe)	845
MAXIMUM DEPENDABLE CAP'Y (NET MWe)	858

	This month	Year- to-Date	Cumulative to Date
	-----	-----	-----
1. NUMBER OF HOURS REACTOR WAS CRITICAL	745.0	7,270.4	191,997.2
2. HOURS GENERATOR ON LINE	745.0	7,265.6	190,103.8
3. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
4. NET ELECTRICAL ENERGY GENERATED (MWH)	642,015	6,266,758	157,010,048

UNIT SHUTDOWNS

DOCKET NO. 50-318
 UNIT NAME Calvert Cliffs-U2
 DATE November 4, 2004
 COMPLETED BY Herman O. Olsen
 TELEPHONE (410) 495-6734

REPORT MONTH October 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
November 4, 2004

SUMMARY OF OPERATING EXPERIENCE

October 2004

The unit began the month at 100% power.

On 10/03/04 at 0500, power was reduced to approximately 94% to clean 21A, 21B and 22A waterboxes. Cleaning was completed and power was returned to 100% at 1425.

On 10/14/04 at 2200, power was reduced to approximately 95% to clean 21B and 23A waterboxes. Power was restored to 100% on 10/15/04 at 0413 after completion of waterbox cleaning.

On 10/18/04 at 2200, power was reduced to approximately 97% to clean 21A, 22B and 23B waterboxes. Power was restored to 100% on 10/19/04 at 0300 after completion of waterbox cleaning.

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