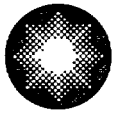


Kevin J. Nietmann
Plant General Manager
Calvert Cliffs Nuclear Power Plant
Constellation Generation Group, LLC

1650 Calvert Cliffs Parkway
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**Constellation
Energy Group**

October 15, 2002

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
September 2002 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,

KJN/TWG/bjd

Attachments

cc: J. Petro, Esquire
J. E. Silberg, Esquire
Director, Project Directorate I-1, NRC
D. M. Skay, NRC
H. J. Miller, NRC

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

IE24

**** OPERATING DATA REPORT ****

**** Docket No. 50-317
Calvert Cliffs Unit 1
October 8, 2002
Prepared by Herman O. Olsen
Telephone: (410) 495-6734 ****

REPORTING PERIOD SEPTEMBER 2002
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	720.0	3,521.7	181,253.8
2. HOURS GENERATOR ON LINE	720.0	3,483.4	178,099.1
3. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
4. NET ELECTRICAL ENERGY GENERATED (MWH)	610,316	2,902,640	145,424,723

UNIT SHUTDOWNS

DOCKET NO.	50-317
UNIT NAME	Calvert Cliffs - U1
DATE	October 8, 2002
COMPLETED BY	Herman O. Olsen
TELEPHONE	(410) 495-6734

REPORTING MONTH September 2002

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON ¹	METHOD OF SHUTTING DOWN ²	CAUSE/CORRECTIVE ACTIONS 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
October 8, 2002

SUMMARY OF OPERATING EXPERIENCE

September 2002

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

 OPERATING DATA REPORT

 Docket No. 50-318
 Calvert Cliffs Unit 2
 October 8, 2002
 Prepared by Herman O. Olsen
 Telephone: (410) 495-6734

REPORTING PERIOD	SEPTEMBER 2002
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	6,551.0	175,350.8
2. HOURS GENERATOR ON LINE	720.0	6,551.0	173,495.7
3. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
4. NET ELECTRICAL ENERGY GENERATED (MWH)	600,957	5,580,536	142,686,414

UNIT SHUTDOWNS

DOCKET NO.	50-318
UNIT NAME	Calvert Cliffs-U2
DATE	October 8, 2002
COMPLETED BY	Herman O. Olsen
TELEPHONE	(410) 495-6734

REPORT MONTH September 2002

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON ¹	METHOD OF SHUTTING DOWN ²	CAUSE/CORRECTIVE ACTIONS 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
October 8, 2002

SUMMARY OF OPERATING EXPERIENCE

September 2002

The unit began the month at 100% reactor power.

On 09/06/2002 at 0000 power was reduced to 90% to clean 21B waterbox. Power was returned to 100% on 09/07/2002 at 1100 after the completion of waterbox cleaning. At 1605 Controlled Element Assembly #37 (CEA) dropped to the bottom causing power to lower to 94.7%. The CEA was returned to the normal position and power was returned to 100% at 1935.

On 09/10/2002 at 0000 power was reduced to 91% to clean 23B waterbox. Power was returned to 100% at 0839 after the completion of waterbox cleaning.

On 09/13/2002 at 0000 power was reduced to 93% to clean 23A waterbox. Power was returned to 100% at 0435 after the completion of waterbox cleaning.

On 09/16/2002 at 2345 power was reduced to 94% to clean 22A waterbox. Power was returned to 100% on 09/17/2002 at 0630 after the completion of waterbox cleaning.

On 09/19/2002 at 2358 power was reduced to 94% to clean 22B waterbox. Power was returned to 100% at 0423 after the completion of waterbox cleaning.

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