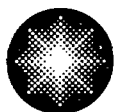


Kevin J. Nietmann
Plant General Manager

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410.495.4101
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Constellation Energy

Calvert Cliffs Nuclear Power Plant

September 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
August 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
H. J. Miller, NRC

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

JEZ

OPERATING DATA REPORT

Docket No. 50-317
Calvert Cliffs Unit 1
September 2, 2004
Prepared by Herman O. Olsen
Telephone: (410)495-6734

REPORTING PERIOD

AUGUST 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	744.0	5,145.9	197,195.3
2. HOURS GENERATOR ON LINE	744.0	5,106.1	193,991.8
3. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
4. NET ELECTRICAL ENERGY GENERATED (MWH)	642,833	4,375,647	159,075,362

UNIT SHUTDOWNS

DOCKET NO. 50-317
 UNIT NAME Calvert Cliffs - U1
 DATE September 2, 2004
 COMPLETED BY Herman O. Olsen
 TELEPHONE (410) 495-6734

REPORTING MONTH August 2004

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
September 2, 2004

SUMMARY OF OPERATING EXPERIENCE

August 2004

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

UNIT SHUTDOWNS

DOCKET NO. 50-318
 UNIT NAME Calvert Cliffs-U2
 DATE September 2, 2004
 COMPLETED BY Herman O. Olsen
 TELEPHONE (410) 495-6734

REPORT MONTH August 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
September 2, 2004

SUMMARY OF OPERATING EXPERIENCE

August 2004

The unit began the month at 100% power.

On 08/28/04 at 0505 power was reduced to approximately 97% for waterbox cleaning. On 08/29/04 at 0208, 25 Circulating Water Pump failed to start during restoration from waterbox cleaning. Trouble shooting and repairs were conducted on the circulating water pump motor controls. Power was returned to 100% at 1619.

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