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January 14, 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
December 2003 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,

A handwritten signature in black ink, appearing to read "KJN", written over a horizontal line.

KJN/CAN/bjd

Attachments

cc: J. Petro, Esquire
J. E. Silberg, Esquire
R. J. Laufer, NRC
G. S. Vissing, 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
 January 2, 2004
 Prepared by Herman O. Olsen
 Telephone: (410) 495-6734

REPORTING PERIOD	DECEMBER 2003
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	8,760.0	192,049.4
2. HOURS GENERATOR ON LINE	744.0	8,760.0	188,885.7
3. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
4. NET ELECTRICAL ENERGY GENERATED (MWH)	645,509	7,532,452	154,699,715

UNIT SHUTDOWNS

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

REPORTING MONTH December 2003

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
January 2, 2004

SUMMARY OF OPERATING EXPERIENCE

December 2003

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

 OPERATING DATA REPORT

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

REPORTING PERIOD	DECEMBER 2003
DESIGN ELECTRICAL RATING (NET MWe)	845
MAXIMUM DEPENDABLE CAP'Y (NET MWe)	835

	This month	Year- to-Date	Cumulative to Date
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1. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	7,167.0	184,726.8
2. HOURS GENERATOR ON LINE	744.0	7,133.5	182,838.2
3. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
4. NET ELECTRICAL ENERGY GENERATED (MWH)	655,278	6,156,860	150,743,290

UNIT SHUTDOWNS

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

REPORT MONTH December 2003

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
January 2, 2004

SUMMARY OF OPERATING EXPERIENCE

December 2003

The unit began the month at 100% reactor power.

On 12/12/2003 at 2200 power was reduced to 83% for Main Turbine Valve Testing. Testing was completed and power was returned to 100% on 12/13/2003 at 0150.

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