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September 12, 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
August 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,

A handwritten signature in black ink, appearing to read "KJN", with a long horizontal flourish extending to the right.

KJN/TWG/bjd

Attachments

cc: R. S. Fleishman, 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
 September 3, 2002
 Prepared by Herman O. Olsen
 Telephone: (410) 495-6734

REPORTING PERIOD AUGUST 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	744.0	2,801.7	180,533.8
2. HOURS GENERATOR ON LINE	744.0	2,763.4	177,379.1
3. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
4. NET ELECTRICAL ENERGY GENERATED (MWH)	627,295	2,292,324	144,814,407

UNIT SHUTDOWNS

DOCKET NO.	50-317
UNIT NAME	Calvert Cliffs - U1
DATE	September 6, 2002
COMPLETED BY	Herman O. Olsen
TELEPHONE	(410) 495-6734

REPORTING MONTH August 2002

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
September 6, 2002

SUMMARY OF OPERATING EXPERIENCE

August 2002

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

 OPERATING DATA REPORT

 Docket No. 50-318
 Calvert Cliffs Unit 2
 September 6, 2002
 Prepared by Herman O. Olsen
 Telephone: (410) 495-6734

REPORTING PERIOD	AUGUST 2002
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	5,831.0	174,630.8
2. HOURS GENERATOR ON LINE	744.0	5,831.0	172,775.7
3. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
4. NET ELECTRICAL ENERGY GENERATED (MWH)	614,925	4,979,579	142,085,457

UNIT SHUTDOWNS

DOCKET NO.	50-318
UNIT NAME	Calvert Cliffs-U2
DATE	September 6, 2002
COMPLETED BY	Herman O. Olsen
TELEPHONE	(410) 495-6734

REPORT MONTH August 2002

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 6, 2002

SUMMARY OF OPERATING EXPERIENCE

August 2002

The unit began the month at 100% reactor power.

On 08/10/2002 at 0000 power was reduced to 90% to clean 21A waterbox. Power was returned to 100% at 0845 after the completion of waterbox cleaning.

On 08/13/2002 at 0001 power was reduced to 90% to clean 21B waterbox. Power was returned to 100% at 0615 after the completion of waterbox cleaning.

On 08/15/2002 at 2320 power was reduced to 93% to clean 22A waterbox. Power was returned to 100% on 08/16/02 at 0420 after the completion of waterbox cleaning.

On 08/20/2002 at 0001 power was reduced to 90% to clean 23B waterbox. Power was returned to 100% at 0845 after the completion of waterbox cleaning.

On 08/23/2002 at 0001 power was reduced to 92% to clean 22B waterbox. Power was returned to 100% at 0845 after the completion of waterbox cleaning.

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