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April 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
March 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,

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

KJN/CAN/bjd

Attachments

cc: J. Petro, Esquire
J. E. Silberg, Esquire
Director, Project Directorate I-1, NRC
G. S. Vissing, NRC
H. J. Miller, NRC

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

IE24

UNIT SHUTDOWNS

DOCKET NO. 50-317
 UNIT NAME Calvert Cliffs - U1
 DATE April 1, 2004
 COMPLETED BY Herman O. Olsen
 TELEPHONE (410) 495-6734

REPORTING MONTH March 2004

NO.	DATE	TYPE	DURATION (HOURS)	REASON ¹	METHOD OF SHUTTING DOWN ²	CAUSE/CORRECTIVE ACTIONS
		F: FORCED S: SCHEDULED				COMMENTS
04-001	040320	F	35.4	B	3	On 03/20/04 at 1340 an automatic trip occurred from 100% power. The reactor tripped due to low Steam Generator water level caused by a short circuit that was created while replacing a recorder in a control panel. The short circuit affected the voltage to the digital feedwater control system, which caused a feedwater regulating valve to close. The unit was brought to a safe shutdown condition in Mode 3. After the cause was verified and corrected the unit was returned to service on 03/22/04 at 0103. Corrective actions were to make repairs to the impacted portions of the feedwater control system. LER 2004-001 applies.

- 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
April 1, 2004

SUMMARY OF OPERATING EXPERIENCE

March 2004

The unit began the month at 100% power.

On 03/20/04 at 1340 an automatic reactor trip occurred due to low steam generator water level. The low level was caused by maintenance which affected the digital feedwater control system, resulting in a loss of feed. Repairs were made to the feedwater control system and the unit was taken critical on 03/21/04 at 1641. The unit was paralleled to the grid on 03/22/04 at 0103 and returned to 100% power at 1315.

On 03/30/04 at 2220 power was reduced to 70.0% as a precautionary measure, due to a fire protection sprinkler actuating in the vicinity of 11 Steam Generator Feed Pump. Repairs were made to the sprinkler and power was returned to 100% on 03/31/04 at 1003.

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

DOCKET NO. 50-318
CALVERT CLIFFS – UNIT 2
April 1, 2004

SUMMARY OF OPERATING EXPERIENCE

March 2004

The unit began the month at 100% power.

On 03/14/04 at 0045 Control Element Assembly (CEA) #58 dropped while performing free movement testing per STP-O-29-2. Power immediately dropped to approximately 96%. At 0223 power was further reduced to 68%. The CEA was returned to the normal position and power was returned to 100% at 0910.

On 03/26/04 at 2300 power was reduced to 83% for Main Turbine Valve Testing. Testing was completed and power was returned to 100% on 03/27/04 at 0035.

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

UNIT SHUTDOWNS

DOCKET NO. 50-318
 UNIT NAME Calvert Cliffs-U2
 DATE April 1, 2004
 COMPLETED BY Herman O. Olsen
 TELEPHONE (410) 495-6734

REPORT MONTH March 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