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R. E. DENTON
GENERAL MANAGER
CALVERT CLIFFS

August 13, 1992

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
July 1992 Operating Data Reports

Gentlemen:

The subject reports are being sent to you as required by Technical Specification 6.9.1.6.

Should you have any questions, please contact Mr. Bruce Mrowca at (410) 260-3989.

Very truly yours,

RED/LBS/bjd

Attachments

- cc: D. A. Brune, Esquire
- J. E. Silberg, Esquire
- R. A. Capra, NRC
- D. G. McDonald, Jr., NRC
- T. T. Martin, NRC
- P. R. Wilson, NRC
- R. I. McLean, DNR
- J. H. Walter, FSC
- R. A. Hartfield, NRC
- P. Lewis, INPO
- K. Larson, ANI

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UNIT 1

OPERATING DATA REPORT

Docket No. 50-317
 August 13, 1992
 Prepared by Leo Shanley
 Telephone: (10) 200-6744

OPERATING STATUS

1. UNIT NAME	Calvert Cliffs Unit 1
2. REPORTING PERIOD	JULY 1992
3. LICENSED THERMAL POWER (MWT)	2700
4. NAMEPLATE RATING (GROSS MWe)	918
5. DESIGN ELECTRICAL RATING (NET MWe)	845
6. MAXIMUM DEPENDABLE CAP'Y (GROSS MWe)	860
7. MAXIMUM DEPENDABLE CAP'Y (NET MWe)	825
8. CHANGE IN CAPACITY RATINGS	NONE
9. POWER LEVEL TO WHICH RESTRICTED	N/A
10. REASONS FOR RESTRICTIONS	N/A

	This month	Year-to-Date	Cumulative to Date

11. HOURS IN REPORTING PERIOD	744	5,111	151,068
12. NUMBER OF HOURS REACTOR WAS CRITICAL	0.0	1,882.0	105,181.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	3,019.4
14. HOURS GENERATOR ON LINE	0.0	1,881.1	102,931.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	0	5,052,583	259,389,090
17. GROSS ELECTRICAL ENERGY GEN'TED(MWH)	0	1,676,717	86,212,405
18. NET ELECTRICAL ENERGY GENERATED(MWH)	0	1,609,202	81,964,707
19. UNIT SERVICE FACTOR	0.0	36.8	68.1
20. UNIT AVAILABILITY FACTOR	0.0	36.8	68.1
21. UNIT CAPACITY FACTOR (USING MDC NET)	0.0	38.2	65.8
22. UNIT CAPACITY FACTOR (USING DER NET)	0.0	37.3	64.2
23. UNIT FORCED OUTAGE RATE	0.0	1.3	9.3
24. SHUTDOWNS SCHEDULED OVER THE NEXT SIX MONTHS (TYPE, DATE AND DURATION):	N/A		
25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START-UP:	August 14, 1992		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-317
 UNIT NAME Calvert Cliffs-U1
 DATE August 13, 1992
 COMPLETED BY Leo Shanley
 TELEPHONE (410)260-6744

REPORT MONTH July 1992

NO.	DATE	TYPE ¹	DURATION (HOURS)	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	LICENSEE EVENT REPORT #	SYSTEM CODE ⁴	COMPONENT CODE ⁵	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
92-02	920320	S	744.0	C	4				Continued refueling outage from previous month.

¹ F: Forced
S: Scheduled

² 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

³ Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Continued
 5-Reduced Load
 9-Other

⁴ IEEE Standard 805-1984

⁵ IEEE Standard 803A-1983

AVERAGE DAILY UNIT POWER LEVEL

Docket No. 50-317
 Calvert Cliffs Unit No. 1
 August 13, 1992
 Prepared by Leo Shanley
 Telephone: (410) 260-6744

JULY 1992

Day	Average Daily Power Level (MWe-Net)	Day	Average Daily Power Level (MWe-Net)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	0
16	0		

DOCKET #50-317
CALVERT CLIFFS - UNIT 1
August 13, 1992

SUMMARY OF OPERATING EXPERIENCE

July 1992

The unit began the month in Mode 5 in a scheduled refueling outage.

The following items were performed this month:

- Containment Integrated Leak Rate Test (ILRT).
- Integrated Emergency Safety Features Actuation System (ESFAS) testing.
- Filled and vented Reactor Coolant System (RCS) and established a bubble in pressurizer.
- Established Main Condenser vacuum and commenced flushing of the condensate system.

The unit ended the month in Mode 5 with preparations being made for RCS heatup and a mid-August reactor start-up.

August 7, 1992

REFUELING INFORMATION REQUEST

1. Name of facility: Calvert Cliffs Nuclear Power Plant, Unit No. 1.
2. Scheduled date for next refueling shutdown: March 20, 1992**.
3. Scheduled date for restart following refueling: ***.
4. Will refueling or resumption of operation thereafter require a Technical Specification change or other license amendment?

None.

5. Scheduled date(s) for submitting proposed licensing action and supporting information.

None.

6. Important licensing considerations associated with the refueling.

None.

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool.

(a) 217. (b) 1370.

Spent fuel pools are common to Units 1 and 2.

8. (a) The present licensed spent fuel pool storage capacity, and (b) the size of any increase in licensed storage capacity that has been requested or is planned, in number of fuel assemblies.

(a) 1830. (b) 2880.

9. The projected date of the last refueling that can be discharged to the Spent Fuel Pool assuming the present licensed capacity and maintaining space for one full core off-load.

March 1993

** OUTAGE START DATE. Unit currently in a refueling outage.

*** Unit currently in a refueling outage. See the Operating Report for Restart Date.

 UNIT 2

OPERATING DATA REPORT

Docket No. 50-318
 August 13, 1992
 Prepared by Leo Shanley
 Telephone: (410) 260-6744

 OPERATING STATUS

1. UNIT NAME	Calvert Cliffs Unit 2
2. REPORTING PERIOD	JULY 1992
3. LICENSED THERMAL POWER (MWT)	2700
4. NAMEPLATE RATING (GROSS MWe)	918
5. DESIGN ELECTRICAL RATING (NET MWe)	845
6. MAXIMUM DEPENDABLE CAP'Y (GROSS MWe)	860
7. MAXIMUM DEPENDABLE CAP'Y (NET MWe)	825
8. CHANGE IN CAPACITY RATINGS	NONE
9. POWER LEVEL TO WHICH RESTRICTED	N/A
10. REASONS FOR RESTRICTIONS	N/A

	This month	Year-to-Date	Cumulative to Date

11. HOURS IN REPORTING PERIOD	744	5,112	134,423
12. NUMBER OF HOURS REACTOR WAS CRITICAL	603.2	4,422.4	96,462.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1,296.6
14. HOURS GENERATOR ON LINE	590.2	4,373.4	95,095.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,562,798	11,676,463	241,815,769
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	497,775	3,843,102	79,927,483
18. NET ELECTRICAL ENERGY GENERATED (MWH)	476,484	3,686,8	76,365,026
19. UNIT SERVICE FACTOR	79.3	85.6	70.7
20. UNIT AVAILABILITY FACTOR	79.3	85.6	70.7
21. UNIT CAPACITY FACTOR (USING MDC NET)	77.6	87.4	68.9
22. UNIT CAPACITY FACTOR (USING DER NET)	75.8	85.4	67.2
23. UNIT FORCED OUTAGE RATE	20.7	14.4	6.0
24. SHUTDOWNS SCHEDULED OVER THE NEXT SIX MONTHS (TYPE, DATE AND DURATION):	N/A		
25. IF UNIT IS SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START-UP:	N/A		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-318
 UNIT NAME Calvert Cliffs-U2
 DATE August 13, 1992
 COMPLETED BY Leo Shanley
 TELEPHONE (410)260-6744

REPORT MONTH July 1992

NO.	DATE	TYPE ¹	DURATION (HOURS)	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	LICENSEE EVENT REPORT #	SYSTEM CODE ⁴	COMPONENT CODE ⁵	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
92-05	920624	F	145.8	A	4	92-003	SG	EXJ	Forced outage continued from previous month. Outage extended due to 11 EDG exhaust overheating problem.
92-06	920767	F	2.7	A	9	N/A	SJ	FIC	Unit taken off-line (reactor remained critical) due to failure of 22 Main Feed Regulating Valve Controller to operate in automatic. Controller was replaced.
92-07	920707	F	5.3	A	9	N/A	JJ	XCV	Unit taken off-line (reactor remained critical); due to oscillations of 22 Main Turbine Governor Valve. Replaced circuit board in actuator system.

¹ F: Forced
 S: Scheduled

² 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

³ Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Continued
 5-Reduced Load
 9-Other

⁴ IEEE Standard 805-1984

⁵ IEEE Standard 803A-1983

AVERAGE DAILY UNIT POWER LEVEL

Docket No. 50-318
 Calvert Cliffs Unit No. 2
 August 13, 1992
 Prepared by Leo Shanley
 Telephone: (410) 260-6744

JULY 1992

Day	Average Daily Power Level (MWe-Net)	Day	Average Daily Power Level (MWe-Net)
1	0	17	831
2	0	18	830
3	0	19	827
4	0	20	822
5	0	21	825
6	0	22	825
7	95	23	828
8	769	24	824
9	817	25	825
10	803	26	824
11	830	27	825
12	832	28	825
13	832	29	825
14	830	30	825
15	831	31	824
16	830		

DOCKET #50-318
CALVERT CLIFFS - UNIT 2
August 13, 1992

SUMMARY OF OPERATING EXPERIENCE

July 1992

The unit began the month in Mode 5 in a forced outage due to a failed expansion joint on the Main Condenser.

Vacuum was established in the Main Condenser on July 1. However, the unit remained shutdown in Mode 5 due to a problem with 11 EDG cylinder exhaust temperatures, which was a mode restraining issue.

RCS heatup was commenced on July 5 and the reactor was taken critical on July 6 at 2050. The unit was paralleled to the grid at 0145 on July 7 and power was raised to approximately 30%. The unit was taken off-line at 0550 on July 7 to replace 22 Main Feed Regulating Valve Flow Controller which failed to work in automatic.

After paralleling to the grid at 0835 on July 7, power was raised to 52% (365 MWe). At 1100, a power reduction was started to take the unit off-line due to oscillations in 22 Main Turbine Governor Valve. The unit was off the grid from 1514 to 2030 to repair the governor system. 100% power was achieved at 0900 on July 8.

Power was reduced to 87% (720 MWe) from 0000 to 0615 on July 10 to clean Main Condenser waterboxes.

The unit ended the month at 100% (825 MWe).

August 7, 1992

REFUELING INFORMATION REQUEST

1. Name of facility: Calvert Cliffs Nuclear Power Plant, Unit No. 2
2. Scheduled date for next refueling shutdown: March 5, 1993.
3. Scheduled date for restart following refueling: June 9, 1993*.
4. Will refueling or resumption of operation thereafter require a Technical Specification change or other license amendment?

Not identified at this time.

5. Scheduled date(s) for submitting proposed licensing action and supporting information.

December 4, 1992.

6. Important licensing considerations associated with the refueling.

The target length for this cycle will be 570 effective full power days.

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool.
(a) 217. (b) 1370.

Spent fuel pools are common to Units 1 and 2.

8. (a) The present licensed spent fuel pool storage capacity, and (b) the size of any increase in licensed storage capacity that has been requested or is planned, in number of fuel assemblies.
(a) 1830. (b) 2880.

9. The projected date of the last refueling that can be discharged to the Spent Fuel Pool assuming the present licensed capacity and maintaining space for one full core off-load.

March 1993

*Entry has changed since last reported.