

OPERATING DATA REPORT

DOCKET NO. 50-317
 DATE 12/13/83
 COMPLETED BY Elaine Lotito
 TELEPHONE 301-787-5363

OPERATING STATUS

1. Unit Name: Calvert Cliffs #1
2. Reporting Period: September 1983
3. Licensed Thermal Power (MWt): _____
4. Nameplate Rating (Gross MWe): _____
5. Design Electrical Rating (Net MWe): _____
6. Maximum Dependable Capacity (Gross MWe): _____
7. Maximum Dependable Capacity (Net MWe): _____
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons.

Notes

Revision

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any: _____

| | This Month | Yr.-to-Date | Cumulative |
|--|------------------|-------------------|--------------------|
| 11. Hours In Reporting Period | _____ | _____ | _____ |
| 12. Number Of Hours Reactor Was Critical | _____ | _____ | _____ |
| 13. Reactor Reserve Shutdown Hours | _____ | _____ | _____ |
| 14. Hours Generator On-Line | _____ | _____ | _____ |
| 15. Unit Reserve Shutdown Hours | _____ | _____ | _____ |
| 16. Gross Thermal Energy Generated (MWH) | <u>1,741,692</u> | <u>16,404,842</u> | <u>143,074,888</u> |
| 17. Gross Electrical Energy Generated (MWH) | _____ | _____ | _____ |
| 18. Net Electrical Energy Generated (MWH) | _____ | _____ | _____ |
| 19. Unit Service Factor | _____ | _____ | _____ |
| 20. Unit Availability Factor | _____ | _____ | _____ |
| 21. Unit Capacity Factor (Using MDC Net) | _____ | _____ | _____ |
| 22. Unit Capacity Factor (Using DER Net) | _____ | _____ | _____ |
| 23. Unit Forced Outage Rate | _____ | _____ | _____ |
| 24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each). | _____ | _____ | _____ |

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____
26. Units In Test Status (Prior to Commercial Operation).

Forecast

Achieved

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

B312160015 B31130
 PDR ADOCK 05000317
 R PDR

(9/77)

OPERATING DATA REPORT

DOCKET NO. 50-317
 DATE 12/13/83
 COMPLETED BY Elaine Lotito
 TELEPHONE 301-787-5363

OPERATING STATUS

1. Unit Name: Galvert Cliffs #1
2. Reporting Period: October, 1983
3. Licensed Thermal Power (MWt): _____
4. Nameplate Rating (Gross MWe): _____
5. Design Electrical Rating (Net MWe): _____
6. Maximum Dependable Capacity (Gross MWe): _____
7. Maximum Dependable Capacity (Net MWe): _____
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons.

Notes

Revision

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any: _____

| | This Month | Yr.-to-Date | Cumulative |
|--|------------|-------------|-------------|
| 11. Hours In Reporting Period | _____ | _____ | _____ |
| 12. Number Of Hours Reactor Was Critical | _____ | _____ | _____ |
| 13. Reactor Reserve Shutdown Hours | _____ | _____ | _____ |
| 14. Hours Generator On-Line | _____ | _____ | _____ |
| 15. Unit Reserve Shutdown Hours | _____ | _____ | _____ |
| 16. Gross Thermal Energy Generated (MWH) | 0 | 16,404,842 | 143,074,888 |
| 17. Gross Electrical Energy Generated (MWH) | _____ | _____ | _____ |
| 18. Net Electrical Energy Generated (MWH) | _____ | _____ | _____ |
| 19. Unit Service Factor | _____ | _____ | _____ |
| 20. Unit Availability Factor | _____ | _____ | _____ |
| 21. Unit Capacity Factor (Using MDC Net) | _____ | _____ | _____ |
| 22. Unit Capacity Factor (Using DER Net) | _____ | _____ | _____ |
| 23. Unit Forced Outage Rate | _____ | _____ | _____ |
| 24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): | _____ | _____ | _____ |

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____

26. Units In Test Status (Prior to Commercial Operation).

Forecast

Achieved

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

OPERATING DATA REPORT

DOCKET NO. 50-317
 DATE 12/12/83
 COMPLETED BY Elaine Lotito
 TELEPHONE (301) 787-5363

OPERATING STATUS

1. Unit Name: Calvert Cliffs #1
2. Reporting Period: November, 1983
3. Licensed Thermal Power (MWt): 2,700
4. Nameplate Rating (Gross MWe): 918
5. Design Electrical Rating (Net MWe): 845
6. Maximum Dependable Capacity (Gross MWe): 860
7. Maximum Dependable Capacity (Net MWe): 825
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

| | This Month | Yr.-to-Date | Cumulative |
|---|------------|-------------|-------------|
| 11. Hours In Reporting Period | 720.0 | 8,016.0 | 75,085.0 |
| 12. Number Of Hours Reactor Was Critical | 1.8 | 6,288.3 | 59,384.2 |
| 13. Reactor Reserve Shutdown Hours | 0.0 | 58.7 | 1,867.2 |
| 14. Hours Generator On-Line | 0.0 | 6,248.7 | 58,272.6 |
| 15. Unit Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 16. Gross Thermal Energy Generated (MWH) | 0 | 16,404,842 | 143,074,888 |
| 17. Gross Electrical Energy Generated (MWH) | 0 | 5,471,169 | 47,072,112 |
| 18. Net Electrical Energy Generated (MWH) | 0 | 5,237,708 | 44,901,916 |
| 19. Unit Service Factor | 0.0 | 78.0 | 77.6 |
| 20. Unit Availability Factor | 0.0 | 78.0 | 77.6 |
| 21. Unit Capacity Factor (Using MDC Net) | 0.0 | 79.2 | 73.5 |
| 22. Unit Capacity Factor (Using DER Net) | 0.0 | 77.3 | 70.8 |
| 23. Unit Forced Outage Rate | 0.0 | 2.7 | 7.5 |

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

No. 1 Plant was on a planned outage for refueling and unit general inspection.

The Plant was reported in service on 12/12/83

25. If Shut Down At End Of Report Period, Estimated Date of Startup: 12/12/83

| 26. Units In Test Status (Prior to Commercial Operation): | Forecast | Achieved |
|---|----------|----------|
| INITIAL CRITICALITY | _____ | _____ |
| INITIAL ELECTRICITY | _____ | _____ |
| COMMERCIAL OPERATION | _____ | _____ |

OPERATING DATA REPORT

DOCKET NO. 50-318
 DATE 12/13/83
 COMPLETED BY Elaine Lotito
 TELEPHONE (301) 787-5363

OPERATING STATUS

1. Unit Name: Calvert Cliffs #2
2. Reporting Period: November 1983
3. Licensed Thermal Power (MWt): 2,700
4. Nameplate Rating (Gross MWe): 911
5. Design Electrical Rating (Net MWe): 845
6. Maximum Dependable Capacity (Gross MWe): 860
7. Maximum Dependable Capacity (Net MWe): 825
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

| | This Month | Yr.-to-Date | Cumulative |
|---|------------|-------------|-------------|
| 11. Hours In Reporting Period | 720.0 | 8,016.0 | 58,440.0 |
| 12. Number Of Hours Reactor Was Critical | 651.4 | 7,132.6 | 49,233.5 |
| 13. Reactor Reserve Shutdown Hours | 5.6 | 162.6 | 957.8 |
| 14. Hours Generator On-Line | 612.9 | 6,881.5 | 48,424.4 |
| 15. Unit Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 16. Gross Thermal Energy Generated (MWH) | 1,555,949 | 17,808,625 | 120,029,382 |
| 17. Gross Electrical Energy Generated (MWH) | 515,049 | 5,816,502 | 39,472,706 |
| 18. Net Electrical Energy Generated (MWH) | 490,497 | 5,543,570 | 37,634,332 |
| 19. Unit Service Factor | 85.1 | 85.9 | 82.9 |
| 20. Unit Availability Factor | 85.1 | 85.9 | 82.9 |
| 21. Unit Capacity Factor (Using MDC Net) | 82.6 | 83.8 | 78.6 |
| 22. Unit Capacity Factor (Using DER Net) | 80.6 | 81.8 | 76.2 |
| 23. Unit Forced Outage Rate | 12.4 | 7.9 | 5.8 |

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

No. 2 Plant is scheduled to begin a 10 week outage in April 1984 for refueling and a unit general inspection.

25. If Shut Down At End Of Report Period, Estimated Date of Startup:

26. Units In Test Status (Prior to Commercial Operation):

Forecast

Achieved

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-317

UNIT Calvert Cliffs #1

DATE 12/13/83

COMPLETED BY Elaine Lotito

TELEPHONE 301-787-5363

MONTH November, 1983

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

| | |
|----|-----|
| 1 | --- |
| 2 | --- |
| 3 | --- |
| 4 | --- |
| 5 | --- |
| 6 | --- |
| 7 | --- |
| 8 | --- |
| 9 | --- |
| 10 | --- |
| 11 | --- |
| 12 | --- |
| 13 | --- |
| 14 | --- |
| 15 | --- |
| 16 | --- |

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

| | |
|----|-----|
| 17 | --- |
| 18 | --- |
| 19 | --- |
| 20 | --- |
| 21 | --- |
| 22 | --- |
| 23 | --- |
| 24 | --- |
| 25 | --- |
| 26 | --- |
| 27 | --- |
| 28 | --- |
| 29 | --- |
| 30 | --- |
| 31 | --- |

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-318

UNIT Calvert Cliffs #2

DATE 12/13/83

COMPLETED BY Elaine Lotito

TELEPHONE 301-787-5363

MONTH November, 1983

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|
| 1 | <u>850</u> |
| 2 | <u>851</u> |
| 3 | <u>849</u> |
| 4 | <u>845</u> |
| 5 | <u>---</u> |
| 6 | <u>744</u> |
| 7 | <u>855</u> |
| 8 | <u>857</u> |
| 9 | <u>859</u> |
| 10 | <u>858</u> |
| 11 | <u>857</u> |
| 12 | <u>858</u> |
| 13 | <u>858</u> |
| 14 | <u>857</u> |
| 15 | <u>857</u> |
| 16 | <u>855</u> |

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|
| 17 | <u>850</u> |
| 18 | <u>843</u> |
| 19 | <u>601</u> |
| 20 | <u>440</u> |
| 21 | <u>229</u> |
| 22 | <u>843</u> |
| 23 | <u>---</u> |
| 24 | <u>---</u> |
| 25 | <u>---</u> |
| 26 | <u>591</u> |
| 27 | <u>840</u> |
| 28 | <u>842</u> |
| 29 | <u>840</u> |
| 30 | <u>837</u> |
| 31 | <u>---</u> |

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November, 1983

DOCKET NO. 50-317
 UNIT NAME Calvert Cliffs #1
 DATE 12/13/83
 COMPLETED BY Elaine Lotito
 TELEPHONE 301-787-5363

| 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 |
|-------|--------|-------------------|------------------|---------------------|--|-------------------------|--------------------------|-----------------------------|---|
| 83-14 | 831001 | S | 720.0 | C | 4 | | XX | FuelXX | Refueling and unit general inspection. |

¹
 F- Forced
 S- Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram
 3-Automatic Scram
 4-Continuation
 5-Load Reduction
 9-Other

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source

IMAGE EVALUATION
TEST TARGET (MT-3)

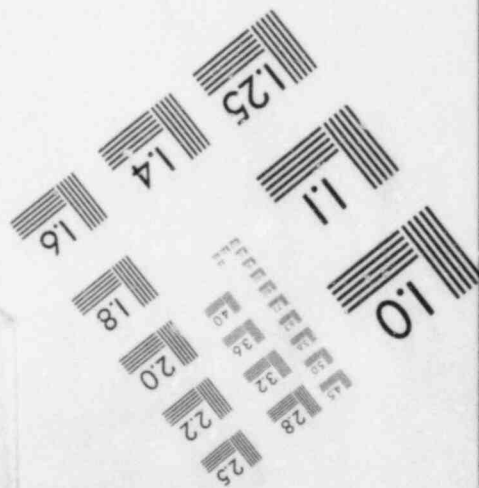
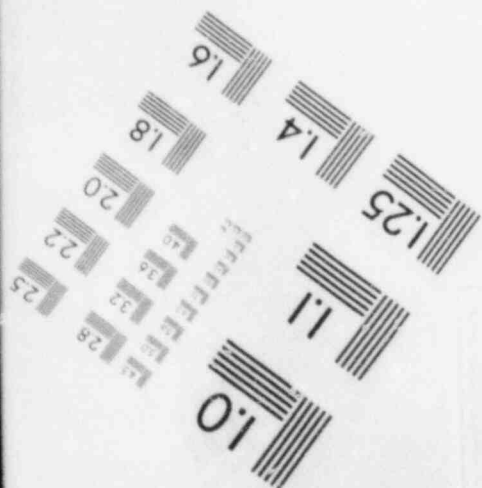
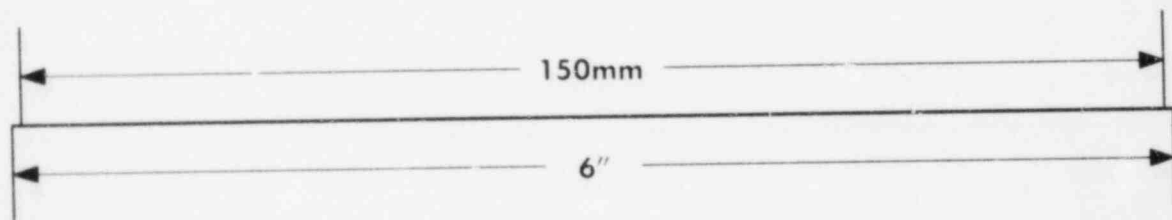
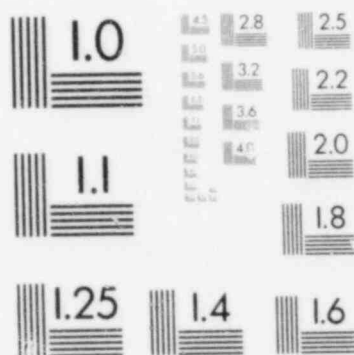
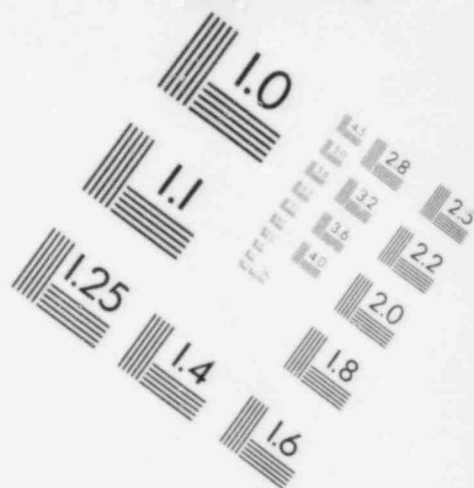
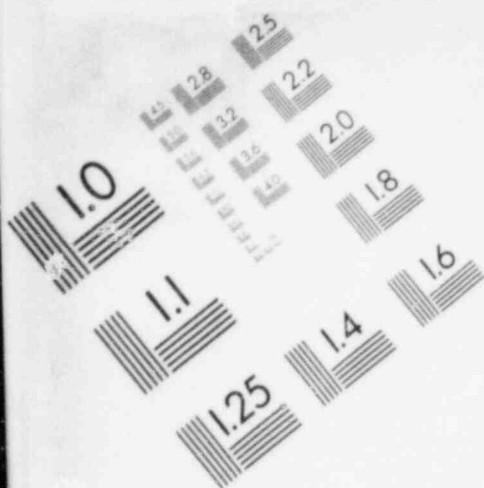
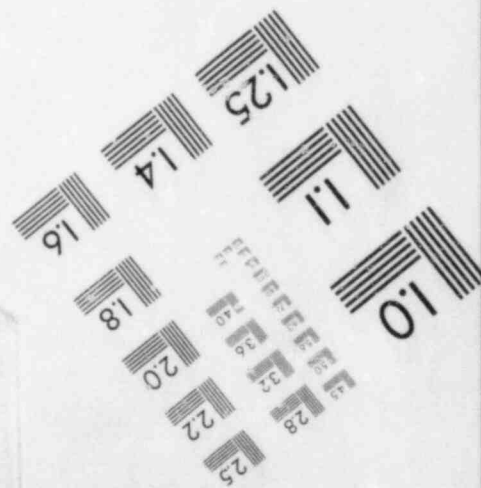
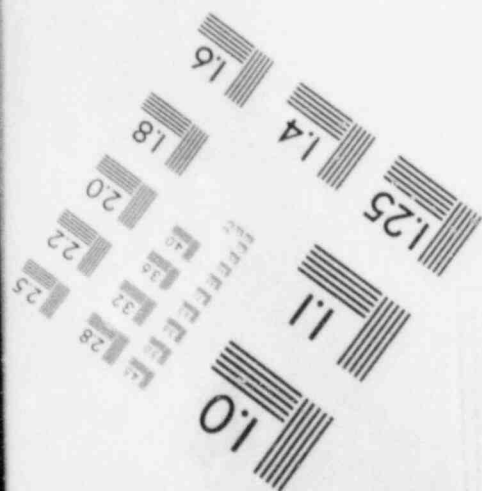
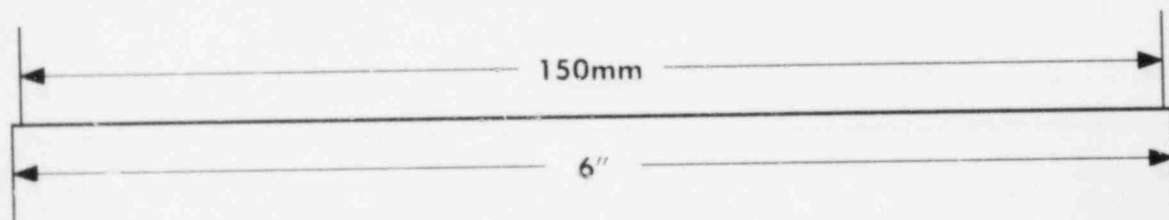
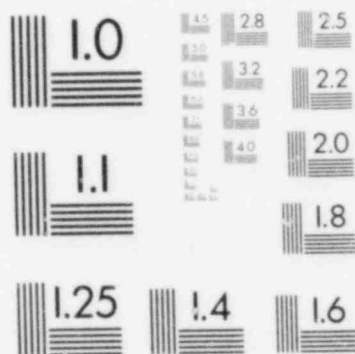
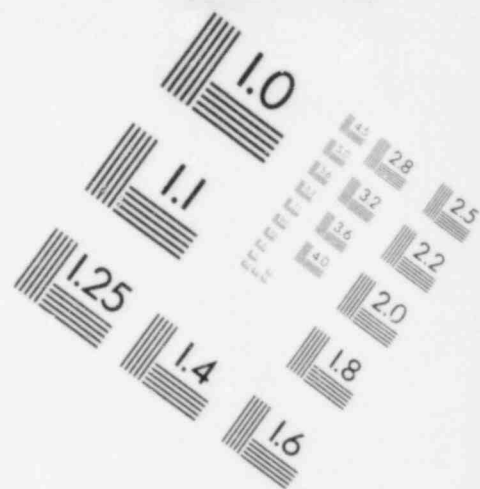
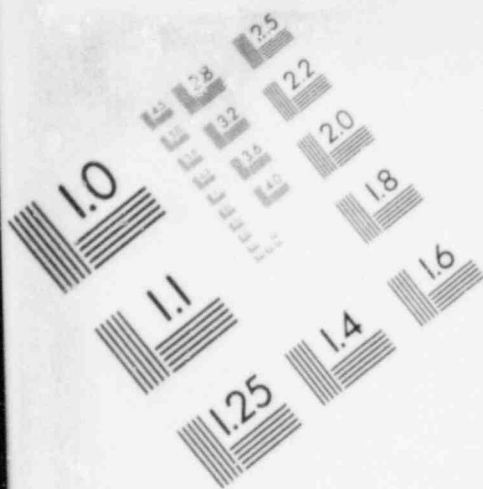


IMAGE EVALUATION
TEST TARGET (MT-3)



UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November, 1983

DOCKET NO. 50-318
 UNIT NAME Calvert Cliffs #2
 DATE 12/13/83
 COMPLETED BY Elaine Lotito
 TELEPHONE 301-787-5363

| 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 |
|-------|--------|-------------------|---------------------|---------------------|--|-------------------------------|-----------------------------|--------------------------------|---|
| 83-17 | 831105 | S | 20.1 | B | 1 | | HJ | HTEXCH | Repair leaking steam generator hand hole cover. |
| 83-18 | 831118 | S | 40.0 | B | 5 | | XX | ZZZZZZ | Trouble shoot #22 Steam generator feed pump control oil system. |
| 83-19 | 831120 | F | 17.1 | A | 2 | | XX | ZZZZZZ | Loss of #22 Steam Generator feed pump. |
| 83-20 | 831123 | F | 69.9 | A | 2 | | CB | PUMPXX | To repair a cracked weld on #21A Reactor Coolant Pump shaft seal pressure transmitter line. |

¹
 F- Forced
 S- Scheduled

²
 Reason
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram
 3-Automatic Scram
 4-Continuation
 5-Load Reduction
 9-Other

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source

December 5, 1983

REFUELING INFORMATION REQUEST

1. Name of Facility: Calvert Cliffs Nuclear Power Plant, Unit No. 1
2. Scheduled date for next Refueling Shutdown: September 30, 1983
3. Scheduled date for restart following refueling: December 10, 1983
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

Resumption of operation after refueling will require changes to Technical Specifications. The changes will be such as to allow operation of the plant with a fresh reload batch and reshuffled core.

5. Scheduled date(s) for submitting proposed licensing action and supporting information.
September 1, 1983

6. Important licensing considerations associated with the refueling.

Reload fuel will be similar to that reload fuel inserted into the previous cycle.

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

(a) 217

(b) 796

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) 0

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.

April, 1991

December 5, 1983

REFUELING INFORMATION REQUEST

1. Name of Facility: Calvert Cliffs Nuclear Power Plant, Unit No. 2.
2. Scheduled date for next refueling shutdown: April 14, 1984.
3. Scheduled date for restart following refueling: June 3, 1984.
4. Will refueling or resumption of operation thereafter require a technical specification change or other licensed amendment?

Resumption of operation after refueling will require changes to Technical Specifications. The changes will be such as to allow operation of the plant with a fresh reload batch and reshuffled core.

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

March 3, 1984

6. Important licensing considerations associated with refueling.

Reload fuel will be similar to that reload fuel inserted in the previous cycle.

7. The number of fuel assemblies (a) in the core and (b) in the Spent Fuel Storage Pool.

(a) 217

(b) 796

Spent Fuel Pool is 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 required or is planned, in number of fuel assemblies.

(a) 1830

(b) 0

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.

April, 1991

SUMMARY OF UNIT 1 OPERATING EXPERIENCE

NOVEMBER 1983

- 11/1 At the beginning of this reporting period, Unit 1 was shutdown continuing its 6th scheduled refueling outage.
- 11/5 Completed fuel handling at 1315.
- 11/13 Completed filling the Reactor Coolant System (RCS) at 0440.
- 11/28 Commenced heat up of the RCS at 0350.
- 11/30 At 2209 the reactor was brought critical.

SUMMARY OF UNIT 2 OPERATING EXPERIENCE

NOVEMBER 1983

- 11/1 At the beginning of this reporting period, Unit 2 was operating at 851 MWe with the reactor at 100% power.
- 11/5 At 0136 the unit was taken off the line and placed in Mode 2 to repair a leaking steam generator hand hole cover. At 2139 the unit was paralleled.
- 11/6 Resumed full load operation (851 MWe) at 0830.
- 11/18 Decreased load to 600 MWe at 2220 to troubleshoot 22 Steam Generator Feed Pump Control Oil System.
- 11/20 The reactor tripped at 1711 on low S/G water level following the trip of 22 S/G Feed Pump.
- 11/21 Resumed full load operation (842 MWe) at 2322.
- 11/23 At 0240 the unit was taken off the line and placed in Mode 5 to repair a cracked weld on 21A Reactor Coolant Pump shaft seal pressure transmitter line.
- 11/26 At 0036 the unit was paralleled to the grid and reactor power was increased to 100% (830 MWe) at 1400.
- 11/30 At the end of this reporting period, Unit 2 was operating at 842 MWe with the reactor at 100% power.



CHARLES CENTER • P.O. BOX 1475 • BALTIMORE, MARYLAND 21203

FOSSIL POWER DEPARTMENT

December 14, 1983

Director Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, DC 20055

ATTENTION: Document Control Desk

Gentlemen:

Enclosed herewith is the November 1983 - Operation Status Report for Calvert Cliffs No. 1 Unit, (Docket 50-317) and Calvert Cliffs No. 2 Unit, (Docket 50-318).

Sincerely,

E. M. Lotito
Performance Data Analyzer
Production Economy and Results Unit
Fossil Power Department

Enclosure

| | | |
|-------------|----------------|----------------|
| cc: Messrs: | W. Lavalley | J. Tiernan |
| | C. McCabe, Jr. | R. Architzel |
| | R. R. Mills | L. Russell |
| | P. Ross | P. Sierer, Jr. |
| | M. Beebe | C. Shoemaker |
| | D. Reilly | R. Ash |
| | T. Magette | V. Stricklin |
| | | A. Lundvall |

EML/ams

IE 24

1/1