

OPERATING DATA REPORT

DOCKET NO. 50-317
 DATE 11/15/82
 COMPLETED BY Elaine Lotito
 TELEPHONE (301) 787-5363

OPERATING STATUS

1. Unit Name: Calvert Cliffs #1
2. Reporting Period: October, 1982
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 | 745.0 | 7,296.0 | 65,605.0 |
| 12. Number Of Hours Reactor Was Critical | 745.0 | 5,055.3 | 51,655.0 |
| 13. Reactor Reserve Shutdown Hours | 0.0 | 3.1 | 1,795.5 |
| 14. Hours Generator On-Line | 745.0 | 5,000.6 | 50,602.3 |
| 15. Unit Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 16. Gross Thermal Energy Generated (MWH) | 1,998,804 | 12,997,539 | 122,917,017 |
| 17. Gross Electrical Energy Generated (MWH) | 671,198 | 4,733,464 | 40,727,461 |
| 18. Net Electrical Energy Generated (MWH) | 645,726 | 4,141,159 | 38,443,192 |
| 19. Unit Service Factor | 100.0 | 63.5 | 77.1 |
| 20. Unit Availability Factor | 100.0 | 68.5 | 77.1 |
| 21. Unit Capacity Factor (Using MDC Net) | 105.1 | 68.8 | 72.3 |
| 22. Unit Capacity Factor (Using DER Net) | 102.6 | 67.2 | 69.4 |
| 23. Unit Forced Outage Rate | 0.0 | 5.8 | 8.6 |
| 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 | _____ | _____ |

8211230057 821115
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OPERATING DATA REPORT

DOCKET NO. 50-318
 DATE 11/15/82
 COMPLETED BY Elaine Lotito
 TELEPHONE (301) 787-5363

OPERATING STATUS

1. Unit Name: Clavert Cliffs #2
2. Reporting Period: October, 1982
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 | 745.0 | 7,296.0 | 48,960.0 |
| 12. Number Of Hours Reactor Was Critical | 362.8 | 6,532.9 | 42,100.9 |
| 13. Reactor Reserve Shutdown Hours | 0.0 | 81.0 | 795.2 |
| 14. Hours Generator On-Line | 361.8 | 6,498.5 | 41,542.9 |
| 15. Unit Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 16. Gross Thermal Energy Generated (MWH) | 848,820 | 16,176,201 | 102,220,757 |
| 17. Gross Electrical Energy Generated (MWH) | 269,611 | 5,240,801 | 33,656,204 |
| 18. Net Electrical Energy Generated (MWH) | 252,797 | 5,004,951 | 32,090,762 |
| 19. Unit Service Factor | 48.6 | 89.1 | 84.9 |
| 20. Unit Availability Factor | 48.6 | 89.1 | 84.9 |
| 21. Unit Capacity Factor (Using MDC Net) | 41.1 | 83.1 | 80.1 |
| 22. Unit Capacity Factor (Using DER Net) | 40.2 | 81.2 | 77.6 |
| 23. Unit Forced Outage Rate | 0.0 | 6.0 | 5.5 |

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each)
 No. 2 Plant is on a planned outage from 10/17/82 until 2/14/83 for reactor refueling, unit general inspection and condenser retubing.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: 2/14/83

| 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 11/15/82
 COMPLETED BY Elaine Lotito
 TELEPHONE (301) 787-5363

MONTH October 1982

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|-----|--|
| 1 | <u>865</u> | 17 | <u>867</u> |
| 2 | <u>866</u> | 18 | <u>866</u> |
| 3 | <u>865</u> | 19 | <u>868</u> |
| 4 | <u>866</u> | 20 | <u>873</u> |
| 5 | <u>866</u> | 21 | <u>875</u> |
| 6 | <u>865</u> | 22 | <u>877</u> |
| 7 | <u>865</u> | 23 | <u>879</u> |
| 8 | <u>866</u> | 24 | <u>863</u> |
| 9 | <u>865</u> | 25 | <u>861</u> |
| 10 | <u>850</u> | 26 | <u>849</u> |
| 11 | <u>867</u> | 27 | <u>881</u> |
| 12 | <u>867</u> | 28 | <u>881</u> |
| 13 | <u>866</u> | 29 | <u>875</u> |
| 14 | <u>867</u> | 30 | <u>871</u> |
| 15 | <u>866</u> | 31 | <u>880</u> |
| 16 | <u>865</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.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-318
 UNIT Calvert Cliffs #2
 DATE 11/15/82
 COMPLETED BY Elaine Lotito
 TELEPHONE (301) 787-5363

MONTH October, 1982

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|-----|--|
| 1 | <u>685</u> | 17 | <u>-</u> |
| 2 | <u>706</u> | 18 | <u>-</u> |
| 3 | <u>672</u> | 19 | <u>-</u> |
| 4 | <u>675</u> | 20 | <u>-</u> |
| 5 | <u>720</u> | 21 | <u>-</u> |
| 6 | <u>718</u> | 22 | <u>-</u> |
| 7 | <u>798</u> | 23 | <u>-</u> |
| 8 | <u>786</u> | 24 | <u>-</u> |
| 9 | <u>730</u> | 25 | <u>-</u> |
| 10 | <u>630</u> | 26 | <u>-</u> |
| 11 | <u>623</u> | 27 | <u>-</u> |
| 12 | <u>688</u> | 28 | <u>-</u> |
| 13 | <u>809</u> | 29 | <u>-</u> |
| 14 | <u>764</u> | 30 | <u>-</u> |
| 15 | <u>670</u> | 31 | <u>-</u> |
| 16 | <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 October 1982

DOCKET NO. 50-317
 UNIT NAME Calvert Cliffs #1
 DATE 11/15/82
 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 |
|-----|------|-------------------|------------------|---------------------|--|-------------------------|--------------------------|-----------------------------|---|
| | | | | | | | | | |

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-318
 UNIT NAME Calvert Cliffs #2
 DATE 11/15/82
 COMPLETED BY Elaine Lotito
 TELEPHONE (301) 787-5363

REPORT MONTH October 1982

| 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 |
|-------|--------|-------------------|------------------|---------------------|--|-------------------------|--------------------------|-----------------------------|--|
| 82-09 | 821016 | S | 745.0 | C | 1 | | XX | Fuel XX | Reactor refueling, unit general inspection and condenser retubing. |

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

November 9, 1982

REFUELING INFORMATION REQUEST

1. Name of Facility: Calvert Cliffs Nuclear Power Plant, Unit No. 1
2. Scheduled date for next Refueling Shutdown: October 1, 1983
3. Scheduled date for restart following refueling: December 11, 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.

June 29, 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) 656

Spent Fuel Pools are common to Units 1 and 2

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

1830 Licensed

1358 Currently Installed

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

November 9, 1982

REFUELING INFORMATION REQUEST

1. Name of Facility: Calvert Cliffs Nuclear Power Plant, Unit No. 2.
2. Scheduled date for next refueling shutdown: October 15, 1982.
3. Scheduled date for restart following refueling: January 12, 1982.
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.

October 11, 1982

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) 656

Spent Fuel Pool is common to Units 1 and 2.

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

1830 Licensed

1358 Currently Installed

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

OCTOBER 1982

- 10/1 At the beginning of this reporting period, Unit 1 was operating at 890 MWe with the reactor at 100% power.
- 10/10 Decreased load to 735 MWe at 0210 to test main turbine control valves.
Resumed full load operation (895 MWe) at 0500.
- 10/24 At 0145 load was decreased to 750 MWe for main turbine control valve testing.
Load was increased to capacity (905 MWe) at 0530.
- 10/25 Decreased load to 740 MWe at 2240 to clean main condenser water boxes.
- 10/26 Resumed full load operation (915 MWe) at 0700.
- 10/31 At 0100 load was decreased to 815 MWe to clean main condenser water boxes.
Load was increased to capacity (905 MWe) at 1100. At the end of this reporting period, Unit 1 was operating at 905 MWe with the reactor at 100% power.

SUMMARY OF UNIT 2 OPERATING EXPERIENCE

OCTOBER 1982

- 10/1 At the beginning of this reporting period, Unit 2 was operating at 720 MWe with the reactor at 85% power while investigating saltwater leakage into the main condenser.
- 10/6 Increased load to 840 MWe at 0500. Decreased load to 705 MWe at 1050 to remove a condensate demineralizer vessel from service.
- 10/7 Load was increased to 840 MWe at 0254. Remained at this load due to vibration problems with 22 Main Feed Pump.
- 10/8 At 1325 load was reduced to 705 MWe to investigate saltwater leakage into the main condenser. Resumed full load operation (850 MWe) at 2100.
- 10/9 At 1700 load was reduced to 615 MWe to investigate saltwater leakage into the main condenser.
- 10/12 Resumed full load operation (865 MWe) at 2200.
- 10/13 At 0600 load was decreased to 850 MWe due to high main condenser circulating water delta T. At 1900 load was decreased to 825 MWe due to high main condenser circulating water delta T.
- 10/14 At 2300 load was decreased to 700 MWe due to high main condenser circulating water delta T.
- 10/16 The unit was taken off the line at 0148 in preparation for the 4th scheduled refueling outage. The Reactor was shutdown at 0250. The Reactor was placed in cold shutdown at 2000.
- 10/19 Completed draining the Reactor Coolant System at 0400.
- 10/31 At the end of this reporting period, Unit 2 was shutdown for its 4th scheduled refueling outage.