



**Constellation Energy**

Nine Mile Point Nuclear Station

P.O. Box 63  
Lycoming, New York 13093

May 12, 2004  
NMP1L 1835

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

SUBJECT:   Nine Mile Point Unit 1           Nine Mile Point Unit 2  
          Docket No. 50-220           Docket No. 50-410  
          License No. DPR-63         License No. NPF-69

Monthly Operating Report for April 2004

Gentlemen:

Submitted herewith are the Operating Data Report, Unit Shutdowns, and a Narrative of Operating Experience for April 2004 for the Nine Mile Point Nuclear Station Unit 1 and Unit 2.

Very truly yours,

Lawrence A. Hopkins  
Plant General Manager

LAH/BE/TM/jm  
Attachments

cc:   Mr. H. J. Miller, NRC Regional Administrator, Region I  
      Mr. G. K. Hunegs, NRC Senior Resident Inspector

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## OPERATING DATA REPORT

**DOCKET NO.** 50-220  
**UNIT NAME** Nine Mile Point 1  
**DATE** May 12, 2004  
**COMPLETED BY** Thomas McMahon  
**TELEPHONE** (315) 349-4045

**REPORTING PERIOD:** April 2004

|   |                   |                     |                      |  |
|---|-------------------|---------------------|----------------------|--|
| 1. Design Electrical Rating                 | <u>613.00</u>     |                     |                      |  |
| 2. Maximum Dependable Capacity (MWe-Net)    | <u>565.00</u>     |                     |                      |  |
|   | <u>This Month</u> | <u>Yr-to-Date</u>   | <u>Cumulative</u>    |  |
| 3. Number of Hours the Reactor was Critical | <u>627.62</u>     | <u>2,579.19</u>     | <u>215,410.79</u>    |  |
| 4. Number of Hours Generator On-line        | <u>624.43</u>     | <u>2,547.66</u>     | <u>210,785.36</u>    |  |
| 5. Reserve Shutdown Hours                   | <u>0.00</u>       | <u>0.00</u>         | <u>20.40</u>         |  |
| 6. Net Electrical Energy Generated (MWHrs)  | <u>382,643.00</u> | <u>1,554,321.00</u> | <u>117,851,076.0</u> |  |

### UNIT SHUTDOWNS

| No. | Date       | Type<br>F: Forced<br>S: Scheduled | Duration<br>(Hours) | Reason 1 | Method of<br>Shutting<br>Down 2 | Cause & Corrective Action<br>Comments  |
|-----|------------|-----------------------------------|---------------------|----------|---------------------------------|--|
| 2   | 04/27/2004 | S                                 | 94.57               | B        | 1                               | Repaired #123 ERV, vaccum breaker 68-03 position indication, head safety valve thermal couples, rebuilt #13 FWP Clutch and cleaned #11 & 12 Circulating Water Boxes. |

**SUMMARY:** The unit operated during the month of April 2004 with a Net Electrical Design capacity factor of 86.8 percent. On April 27, 2004 at 0126 hours the unit was removed from the grid for a scheduled maintenance outage to repair #123 Electromatic Relief Valve, vaccum breaker 68-03 position indication, head safety valve thermal couples, rebuild #13 Feedwater Pump Clutch and clean #11 & 12 Circulating Water Boxes. The unit was offline for the remainder of the month.

**1**

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

**2**

- Method:**
- 1 Manual
  - 2 Manual Trip/Scram
  - 3 Automatic Trip/Scram
  - 4 Continuation
  - 5 Other (Explain)

## OPERATING DATA REPORT

**DOCKET NO.** 50-410  
**UNIT NAME** Nine Mile Point 2  
**DATE** May 12, 2004  
**COMPLETED BY** Thomas McMahon  
**TELEPHONE** (315) 349-4045

**REPORTING PERIOD:** April 2004

|   |                   |                     |                      |  |
|---|-------------------|---------------------|----------------------|--|
| 1. Design Electrical Rating                 | <u>1,143.30</u>   |                     |                      |  |
| 2. Maximum Dependable Capacity (MWe-Net)    | <u>1,119.80</u>   |                     |                      |  |
|   | <u>This Month</u> | <u>Yr-to-Date</u>   | <u>Cumulative</u>    |  |
| 3. Number of Hours the Reactor was Critical | <u>164.17</u>     | <u>1,950.72</u>     | <u>113,209.72</u>    |  |
| 4. Number of Hours Generator On-line        | <u>128.92</u>     | <u>1,907.92</u>     | <u>110,212.82</u>    |  |
| 5. Reserve Shutdown Hours                   | <u>0.00</u>       | <u>0.00</u>         | <u>0.00</u>          |  |
| 6. Net Electrical Energy Generated (MWHrs)  | <u>113,205.06</u> | <u>2,043,150.96</u> | <u>116,085,855.6</u> |  |

### UNIT SHUTDOWNS

| No.  | Date       | Type<br>F: Forced<br>S: Scheduled | Duration<br>(Hours) | Reason 1 | Method of<br>Shutting<br>Down 2 | Cause & Corrective Action<br>Comments                     |
|------|------------|-----------------------------------|---------------------|----------|---------------------------------|---|
| 0401 | 03/15/2004 | S                                 | 588.75              | C        | 4                               | Refuel outage   |
| 0401 | 04/25/2004 | S                                 | 1.33                | C        | 5                               | RFO-09 continuation. Recovery from<br>overspeed trip test |

**SUMMARY:** Nine Mile Point Unit Two operated with a maximum dependable capacity (MDC) factor of 14.06% and an availability factor of 17.93% for the month of April, 2004. At the start of this reporting period, Nine Mile Point Unit Two remained in refuel outage RFO-09, which began on March 15, 2004 at 0300 hours. Reactor criticality was achieved at 0350 hours on April 24, 2004. The generator was synchronized to the grid at 1345 hours on April 25, 2004. Full power operation was achieved at 2320 hours on April 27, 2004. On April 28, 2004 at 2100 hours a planned power reduction to approximately 70% power was performed for control rod pattern adjustment. After completion of the rod pattern adjustment full power operation was restored at 1030 hours on April 29, 2004. There were no challenges to the safety relief valves during this reporting period.

**1**

**Reason:**

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

**2**

**Method:**

- 1 Manual
- 2 Manual Trip/Scram
- 3 Automatic Trip/Scram
- 4 Continuation
- 5 Other (Explain)