



## **Constellation Nuclear**

**Nine Mile Point  
Nuclear Station**

*A Member of the  
Constellation Energy Group*

January 10, 2003  
NMP1L 1707

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

Subject: Nine Mile Point Unit 1  
Docket No. 50-220  
DPR-63

Monthly Operating Report for December 2002

Gentlemen:

Submitted herewith are the Operating Data Report, Unit Shutdowns, and a Narrative of Operating Experience for December 2002 for the Nine Mile Point Nuclear Station Unit 1. Submittal of this information complies with Section 6.9.1.c of the Unit 1 Technical Specifications.

Very truly yours,

Lawrence A. Hopkins  
Plant General Manager

LAH/BE/jm  
Attachments

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

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ATTACHMENT A  
OPERATING DATA REPORT

DOCKET NO: 50-220  
DATE: 1/03/03  
PREPARED BY: B. L. Eastman  
TELEPHONE: (315) 349-2559

OPERATING STATUS

Unit Name: Nine Mile Point Unit #1  
Reporting Period: December 2002

|   |  |     |
|---|--|-----|
| 1 | Design Electrical Rating: (Net MWe)    | 613 |
| 2 | Maximum Dependable Capacity: (Net MWe) | 565 |

|   | This Month | Yr-to-Date  | Cumulative    |
|---|------------|-------------|---------------|
| 3 Critical Hours                        | 319.0      | 8,264.7     | 205,286.8     |
| 4 Hours Generator On-Line               | 281.1      | 8,194.1     | 200,862.3     |
| 5 Unit Reserve Shutdown Hours           | 0.0        | 0.0         | 20.4          |
| 6 Net Electrical Energy Generated (MWH) | 161,094.0  | 4,904,562.0 | 111,935,381.0 |

# ATTACHMENT B

## UNIT SHUTDOWNS REPORTING PERIOD – DECEMBER 2002

DOCKET NO: 50-220  
UNIT NAME: NMP1  
DATE: 1/03/03  
PREPARED BY: B. L. Eastman  
TELEPHONE: (315) 349-2559

| NO.* | DATE   | TYPE<br>F: FORCED<br>S: SCHEDULED | DURATION<br>(HOURS) | REASONS <sup>1</sup> | METHOD OF SHUTTING<br>DOWN <sup>2</sup> | CAUSE & CORRECTIVE ACTIONS<br>COMMENTS  |
|------|--------|-----------------------------------|---------------------|----------------------|---|---|
| 3    | 021205 | F                                 | 462.9               | A                    | 2                                       | The unit was shutdown due to drywell leakage. Repairs were made to Reactor Building Closed Loop Cooling piping. |

- (1) 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)

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

\*NOTE Sequential numbering used.

ATTACHMENT C  
NARRATIVE OF OPERATING EXPERIENCE

DOCKET NO: 50-220  
DATE: 01/10/03  
PREPARED BY: P.M. Amway  
TELEPHONE: (315) 349-7911

Nine Mile Point Unit 1 operated during the month of December 2002 with a Net Electrical Design capacity factor of 35.3 percent.

On December 5, 2002, at 1040 hours, Unit 1 commenced a planned shutdown because of elevated unidentified drywell leakage. Unidentified drywell leakage remained below the Technical Specification limit of five (5) GPM during the shutdown and cooldown to cold shutdown. The main turbine was removed from service at 1724 hours and the reactor mode switch was placed in shutdown at 1729 hours the same day. The source of the elevated drywell leakage was from various threaded connections in the Reactor Building Closed Loop Cooling (RBCLC) system. While shutdown, the identified sources of leakage were corrected and other planned maintenance activities that require the plant to be either shutdown or at reduced power were completed.

After completing planned maintenance, the reactor was brought critical at 1035 hours on December 11, 2002. During plant heatup, leakage past electromatic relief valve 111 pilot valve required the plant to be shutdown for repair of the valve. The shutdown was completed with all control rods fully inserted at 1537 hours the same day. After completing repair of the relief valve, the reactor was brought critical at 1512 hours on December 12, 2002.

On December 12, 2002, at 2350 hours, during the 900 PSIG inspection of the drywell, leakage was observed from a Reactor Building Closed Loop Cooling (RBCLC) threaded connection. An orderly plant shutdown was commenced at 0325 hours on December 13. All control rods were fully inserted at 0827 hours the same day. Extensive testing and piping replacement was performed on the RBCLC system during the outage. After completing repairs, the reactor was brought critical at 0416 hours on December 24. The main turbine was placed in service at 0019 hours on December 25, with full power operation achieved by 0809 hours on December 26, 2002.

On December 26, 2002, at 2016 hours, reactor power was reduced to 90 percent to perform a control rod pattern adjustment. Reactor power was returned to rated conditions by 2315 hours the same day.

There were no challenges to the electromatic relief valves or safety valves during this reporting period.