



**Constellation
Energy Group**

Nine Mile Point
Nuclear Station

January 10, 2003
NMP2L 2081

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

Subject: Nine Mile Point Unit 2
Docket No. 50-410; NPF-69

Monthly Operating Report for December 2002

Gentlemen:

Submitted herewith is the Operating Data Report, the Unit Shutdowns, and Summary of Operating Experience for December 2002.

Very truly yours,

Lawrence A. Hopkins
Plant General Manager

LAH/jm
Attachments

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

IE22

NINE MILE POINT NUCLEAR STATION UNIT #2

SUMMARY OF OPERATING EXPERIENCE

Nine Mile Point Unit Two operated with a capacity factor (MDC) of 71.97% and an availability factor of 73.63% for the month of December 2002.

At 1548 hours on December 16, 2002, Unit 2 automatically scrambled on a high reactor vessel pressure signal following a main generator runback. The runback signal was caused by high temperature in the stator water cooling system resulting from a failed cooling water controller, 2GMC-TIC101. After replacing 2GMC-TIC101 the reactor was brought critical at 1018 hours on December 18th. The main generator was placed in service at 0110 hours on December 19th, ending outage 02-03. During power ascension, a steam leak was identified on the "A" Moisture Separator Reheater (MSR). At 0006 hours on December 20th, the decision was made to remove the Unit from service to repair the steam leak on the "A" MSR. The main turbine was removed from service at 0337 hours and reactor shutdown was completed at 0520 hours the same day. Following successful completion of repairs, the reactor was brought critical on December 25, 2002 at 0529 hours and the main generator was placed in service at 2227 hours the same day ending outage 02-04. Full power operation was achieved at 1607 hours on December 27, 2002.

On December 27, 2002, at 1901 hours, reactor power was lowered to 75% to perform a control rod pattern adjustment. Full power operation was resumed at 1243 hours on December 28, 2002.

On December 29, 2002, at 2156 hours, reactor power was lowered to 90% for a control rod pattern adjustment. Reactor power was returned to rated conditions at 0309 hours on December 30, 2002.

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

OPERATING DATA REPORT

DOCKET NO 50-410
DATE 01/06/2003
COMPLETED BY: T. P. McMahon
TELEPHONE: (315) 349-4045

OPERATING STATUS

Unit Name **Nine Mile Point Unit #2**
Reporting Period: **December 2002**
1. Design Electrical Rating (MWe) **1,143.3**
2. Maximum Dependable Capacity (Net MWe) **1,119.8**

	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
3. Number of Hours Reactor was Critical	581.3	7,579.7	102,783.0
4 Hours Generator On-Line:	547.8	7,475.4	99,856.4
5. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
6 Net Electrical Energy Gen (MWH)	599,664.5	8,417,503.8	104,475,836.5

UNIT SHUTDOWNS

DOCKET NO: 50-410

UNIT NAME: NMP#2

DATE: 1/03/03

Prepared by: T. McMahon

TELEPHONE: (315) 349-4045

APPENDIX B REPORTING PERIOD – DECEMBER 2002

No	Date	Type F Forced S: Scheduled	Duration (Hours)	Reasons ¹	Method of Shutting Down ²	Cause & Corrective Actions Comments
02-03	021216	F	57.4	A	3	Unit 2 automatically scrammed on a high reactor vessel pressure signal following a main generator runback. The runback signal was caused by high temperature in the stator water cooling system resulting from a failed cooling water controller, 2GMC-TIC101. The temperature controller was replaced LER 02-06
02-04	021220	F	138.8	A	1	A steam leak on MSR "A" manway. A new gasket was installed.

Reason:

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

Method:

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