

June 11, 2001
(NMP95446)

United States Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

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

Subject: Monthly Operating Report for May 2001

Dear Sir:

Submitted herewith is the Operating Data Report, the Unit Shutdowns, and Summary of Operating Experience for May 2001.

Very truly yours,



M. F. Peckham
Plant Manager - Unit 2

/db

Attachments

xc: H.J. Miller, Regional Administrator, Region I
G.K. Hunegs, Senior Resident Inspector
Records Management

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NIAGARA MOHAWK POWER CORPORATION
NINE MILE POINT NUCLEAR STATION UNIT #2
SUMMARY OF OPERATING EXPERIENCE

Nine Mile Point Unit Two operated with a capacity factor (MDC) of 65.3% and an availability factor of 69.55% for the month of May 2001.

Unit 2 began the report period at a reduced power of 95% because of a failed position feedback signal on the "A" Reactor Recirculation Flow Control Valve. Power reduction for Planned Outage 01-02 commenced at 1901 hours on May 4th, 2001. The Main Turbine was removed from service at 0007 hours on May 5, 2001 and the Reactor Mode switch placed in shutdown at 0224 hours the same day. Following the repair and testing of the "A" Flow Control Valve position feedback mechanism, the reactor was brought critical at 1034 hours on May 10th. The Main Turbine was placed in service at 0318 hours on May 11th, ending planned outage 01-02. Full power operation was resumed at 0522 hours on May 12th.

A planned power reduction to 80% power was performed starting at 2121 hours on May 12, 2001 for the purpose of adjusting the control rod pattern following startup from Planned Outage 01-02. Full power operation was achieved at 0451 hours on May 13th.

On May 15, 2001, at 1348 hours, an unexpected power change occurred while aligning the Reactor Water Cleanup system to a one pump/three filter lineup. Operators entered N2-SOP-08, Unplanned Power Changes, and reduced power to 89% of rated. The cause of the power change was later found to be a broken flexible coupling on the position feedback mechanism for "B" Reactor Recirculation Flow Control Valve. Prior to performing troubleshooting on the flow control valve, the reactor automatically scrambled from 90% power at 1019 hours on May 16th because of a failed relay in the turbine Electro-Hydraulic Control (EHC) system. The "B" Flow Control Valve feedback failure and the EHC relay failure were corrected during Forced Outage 01-03. The reactor was brought critical at 0319 hours on May 19th. The Main Turbine was placed in service at 1743 hours the same day, ending Forced Outage 01-03. Full power operation was resumed on May 20th at 1434 hours.

A planned power reduction to 80% power was performed starting at 2208 hours on May 20, 2001 for the purpose of adjusting the control rod pattern following startup from Forced Outage 01-03. Full power operation was achieved at 0635 hours on May 21st.

An unplanned power change of more than 20% of rated occurred at 2017 hours on May 24, 2001. Operators entered N2-SOP-08, Unplanned Power Changes, and reduced power to less than 90% of rated. The most probable cause of the unplanned power change is a failed flexible coupling on the "B" Reactor Recirculation Flow Control Valve, resulting in a failed position feedback signal. The plant was stabilized at 86% power with the "B" Flow Control Valve locked to prevent further movement. Following evaluation, both the "A" and "B" Flow Control Valve position feedback circuits were transferred to the backup position feedback circuit. The plant was returned to full power operation at 1631 hours on May 28th.

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

OPERATING DATA REPORT

DOCKET NO.: 50-410

DATE: 010608

PREPARED BY: T. McMahon

TELEPHONE: (315) 349-4045

OPERATING STATUS

Unit Name:

Nine Mile Point Unit #2

Reporting Period:

May 2001

- | | |
|---|--------|
| 1. Design Electrical Rating (MWe) | 1143.3 |
| 2. Maximum Dependable Capacity (Net MWe): | 1119.8 |

	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
3. Number of Hours Reactor was Critical	550.8	3,318.5	90,415.8
4. Hours Generator On-Line	517.4	3,262.1	87,676.6
5. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
6. Net Electrical Energy Gen. (MWH)	544,009.0	3,616,734.8	90,816,220.8

UNIT SHUTDOWNS

DOCKET NO: 50-410

UNIT NAME: NMP#2

DATE: 010608

APPENDIX B
REPORTING PERIOD - May 2001

PREPARED BY: T. McMahon

TELEPHONE: (315) 349-4045

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reasons ¹	Method of Shutting Down ²	Cause & Corrective Actions Comments
01-02	010505	S	147.18	B	2	Failed position feedback mechanism on "A" Reactor Recirc Flow Control Valve. Replaced RVDT flex coupling.
01-03	010516	F	79.4	A	3	Pre Turbine trip, "B" RVDT coupling found broken. Turbine EHC System relay failure closed turbine CIV valves. Relay has been replaced and replaced RVDT coupling.

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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)

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Method:

1-Manual

2-Manual Trip/Scram

3-Automatic Trip/Scram

4-Continuation

5-Other (Explain)