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ABBOTT,R.B. Niagara Mohawk Power Corp.
RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Nov 1994 for Nine Mile Point Nuclear Station Unit 1.W/941214 ltr.

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PRIORITY 1 DOCUMENT

MR

NIAGARA MOHAWK

NIAGARA MOHAWK POWER CORPORATION/Nine Mile Point Nuclear Station Unit #1, P.O. Box 63, Lycoming, NY 13093

Richard B. Abbott
Plant Manager

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December 14, 1994
NMP87871

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

RE: Nine Mile Point Nuclear Station Unit #1
Docket No. 50-220
DPR-63

Subject: Operating Statistics and Shutdowns - November 1994

Gentlemen:

Submitted herewith is the Report of the Operating Statistics and Shutdowns for November 1994 for the Nine Mile Point Nuclear Station - Unit #1.

Also included is a narrative report of Operating Experience for November 1994.

Very truly yours,

Richard B. Abbott
Plant Manager - NMP#1

/lh

Enclosures

pc: Thomas T. Martin, Regional Administrator, Region 1
Barry S. Norris, Senior Resident Inspector

IE24

OPERATING DATA REPORT

DOCKET NO.: 50-220
DATE: 12/6/94
PREPARED BY: D. E. Coleman
TELEPHONE: (315) 349-2558

OPERATING STATUS

1. Unit Name: Nine Mile Point Unit #1
2. Reporting Period: November 1994
3. Licensed Thermal Power (MWt): 1850
4. Nameplate Rating (Gross MWe): 642
5. Design Electrical Rating (Net MWe): 613
6. Maximum Dependable Capacity (Gross MWe): 584
7. Maximum Dependable Capacity (Net MWe): 565
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	720.0	8016.0	220,969.2
12. Number of Hours Reactor Was Critical	680.5	7684.1	145,920.3
13. Reactor Reserve Shutdown Hours	0	0	1,204.2
14. Hours Generator On-Line	673.6	7648.1	142,095.0
15. Unit Reserve Shutdown Hours	0	0	20.4
16. Gross Thermal Energy Generated (MWH)	1,180,517.0	13,737,019.0	240,479,635.0
17. Gross Electrical Energy Generated (MWH)	399,669.0	4,619,839.0	79,914,648.0
18. Net Electrical Energy Generated (MWH)	389,153.0	4,496,429.0	77,459,233.0
19. Unit Service Factor	93.6	95.4	64.3
20. Unit Availability Factor	93.6	95.4	64.3
21. Unit Capacity Factor (Using MDC Net)	95.7	99.3	57.7
22. Unit Capacity Factor (Using DER Net)	88.2	91.5	56.5
23. Unit Forced Outage Rate	6.4	4.6	24.0

24. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each):

On February 11, 1995 the unit will shut down for a scheduled 40 day refuel outage.

25. If shutdown At End of Report Period, Estimated Date of Startup:

NIAGARA MOHAWK POWER CORPORATION

NINE MILE POINT NUCLEAR STATION UNIT #1

NARRATIVE OF OPERATING EXPERIENCE

The Station operated during the month of November 1994 with a Unit Availability Factor of 93.6% and a Net Design Electrical Capacity Factor of 88.2%. There were no challenges to the Electromatic Relief Valves.

The major reduction in capacity factor was attributed to a reactor scram on November 2, 1994 @ 1004. While operating at 78% of rated power to facilitate the construction work on the 345KV transmission lines and with a one-half scram signal already in for surveillance testing of Channel 11 recirculation flow instrumentation, Channel 12 recirculation flow instrumentation was inadvertently positioned "out of operate", thus completing the full scram logic. The unit was offline for 46.4 hours and on November 4, 1994 @ 0830 the unit was synchronized to the grid and full power was achieved 104.5 hours later. Other reductions in capacity factor were due to pre-refueling outage maintenance work on the motor generator set and control system of #15 Reactor Recirculation Pump. Also, while in four recirculation loop operation, rated power was limited to approximately 99% due to a recirculation pump motor generator power limit of 790kw each. On November 18, 1994 power was reduced and a final control rod adjustment was made. On November 29, 1994 @ 2400 end of cycle coastdown commenced. Other reductions in capacity factor were due to weekly control rod exercising.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH - November 1994

DOCKET NO: 50-220
UNIT NAME: NMP#1
DATE: 12/6/94
PREPARED BY: D. E. Coleman
TELEPHONE: (315) 349-2558

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
5	941102	F	46.4	G	3	94-07	N/A	N/A	Rx Scram - During surveillance testing of Channel 11 Recirculation Flow Instrumentation, with a half scram signal already in, Channel 12 was inadvertantly positioned out of operate, thus completing the full scram logic.

1 2 3 4 5

F: Forced
S: Scheduled

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 Scram
3-Automatic Scram
4-Other (Explain)

Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

Exhibit I-Same Source

OPERATING DATA REPORT

DOCKET NO.: 50-220
DATE: 12/6/94
PREPARED BY: D. E. Coleman
TELEPHONE: (315) 349-2558

MONTH November 1994

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
1	460	17	611
2	194	18	589
3	0	19	503
4	164	20	610
5	515	21	613
6	512	22	615
7	497	23	616
8	595	24	615
9	611	25	616
10	610	26	564
11	612	27	615
12	612	28	610
13	611	29	609
14	609	30	605
15	612		
16	610		

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.