

CATEGORY 1

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9702200139 DOC. DATE: 97/01/31 NOTARIZED: NO DOCKET #
FACILITY: 90-220 Nine Mile Point Nuclear Station, Unit 1, Niagara Power 05000220
AUTH. NAME AUTHOR AFFILIATION
COLEMAN, D.E. Niagara Mohawk Power Corp.
RADEMACHER, N.L. Niagara Mohawk Power Corp.
RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Jan 1997 for NMPNS Unit 1.W/
970211 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

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EXTERNAL:	LITCO BRYCE, J H	1 1	NOAC	1 1
	NRC PDR	1 1		

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NIAGARA MOHAWK

GENERATION
BUSINESS GROUP

NINE MILE POINT NUCLEAR STATION/LAKE ROAD, P.O. BOX 63, LYCOMING, NEW YORK 13093

February 11, 1997
NMP91444

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 - January 1997

Gentlemen:

Submitted herewith is the Report of Operating Statistics, Unit Shutdowns and Power Reductions, and a Narrative of Operating Experience for January 1997 for the Nine Mile Point Nuclear Station Unit #1.

Very truly yours,

Norman L. Rademacher
Plant Manager - Unit One

/lh

Enclosures

pc: H.J. Miller, Regional Administrator, Region 1
B.S. Norris, Senior Resident Inspector

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OPERATING DATA REPORT

DOCKET NO.: 50-220

DATE: 2/05/97

PREPARED BY: D. E. Coleman

TELEPHONE: (315) 349-2558

OPERATING STATUS

1. Unit Name: Nine Mile Point Unit #1
2. Reporting Period: January 1997
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:
9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

Notes

	This Month	Yr-to-Date	Cumulative
11. Hours in Reporting Period	744.0	744.0	240,001.2
12. Number of Hours Reactor Was Critical	709.9	709.9	162986.9
13. Reactor Reserve Shutdown Hours	0	0	1,204.2
14. Hours Generator On-Line	702.2	702.2	159,058.4
15. Unit Reserve Shutdown Hours	0	0	20.4
16. Gross Thermal Energy Generated (MWH)	1,285,439.0	1,285,439.0	270,492,219.0
17. Gross Electrical Energy Generated (MWH)	439,252.0	439,252.0	90,017,708.0
18. Net Electrical Energy Generated (MWH)	427,250.0	427,250.0	87,288,804.0
19. Unit Service Factor	94.4	94.4	66.3
20. Unit Availability Factor	94.4	94.4	66.3
21. Unit Capacity Factor (Using MDC Net)	101.6	101.6	60.2
22. Unit Capacity Factor (Using DER Net)	93.7	93.7	58.7
23. Unit Forced Outage Rate	5.6	5.6	22.3
24. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each): (35 Day Refuel Outage scheduled for March 3, 1997)			

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



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OPERATING DATA REPORT

DOCKET NO.: 50-220

DATE: 2/05/97

PREPARED BY: D. E. Coleman

TELEPHONE: (315) 349-2558

MONTH January 1997

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
1	615	17	408
2	616	18	
3	617	19	208
4	617	20	617
5	617	21	615
6	618	22	613
7	617	23	617
8	617	24	616
9	616	25	617
10	616	26	616
11	613	27	615
12	616	28	612
13	616	29	581
14	616	30	615
15	615	31	616
16	611		

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.



NIAGARA MOHAWK POWER CORPORATION
NINE MILE POINT NUCLEAR STATION UNIT #1
NARRATIVE OF OPERATING EXPERIENCE

The station operated during the month of January 1997 with a Unit Availability Factor of 94.4% and a Net Design Electrical Capacity Factor of 93.7%. There were no challenges to the Electromatic Relief Valves. The main contributor for energy losses was a 41.8 hour forced outage. On January 17, 1997, the unit was shut down due to a leak in a recirculation loop instrument valve. Other capacity factor losses were due to maintenance work performed on Reactor Recirculation Pump #13, control rod pattern adjustments and intake tunnel icing.



UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-220

UNIT NAME: NMP#1

DATE: 2/05/97

PREPARED BY: D. E. Coleman

TELEPHONE: (315) 349-2558

REPORT MONTH - January 1997

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
1	970117	F	41.8	A	2	N/A	N/A	N/A	The unit was shutdown due to drywell leakage. The cause was a leak in a recirculation loop instrument valve.

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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



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