

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-336

UNIT Millstone 2

DATE 11-9-84

COMPLETED BY G. Neron

TELEPHONE 203/447-1791
Ext. 4417

MONTH October 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>831</u>	17	<u>831</u>
2	<u>832</u>	18	<u>704</u>
3	<u>832</u>	19	<u>830</u>
4	<u>831</u>	20	<u>830</u>
5	<u>832</u>	21	<u>832</u>
6	<u>832</u>	22	<u>830</u>
7	<u>833</u>	23	<u>832</u>
8	<u>832</u>	24	<u>832</u>
9	<u>831</u>	25	<u>832</u>
10	<u>831</u>	26	<u>832</u>
11	<u>831</u>	27	<u>832</u>
12	<u>831</u>	28	<u>831</u>
13	<u>831</u>	29	<u>831</u>
14	<u>832</u>	30	<u>832</u>
15	<u>832</u>	31	<u>834</u>
16	<u>833</u>		

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.

8412110584 841031
PDR ADOCK 05000336
R PDR

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OPERATING DATA REPORT

DOCKET NO. 50-336
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OPERATING STATUS

1. Unit Name: Millstone Unit 2
2. Reporting Period: October 1984
3. Licensed Thermal Power (MWt): 2700
4. Nameplate Rating (Gross MWe): 909
5. Design Electrical Rating (Net MWe): 870
6. Maximum Dependable Capacity (Gross MWe): 895
7. Maximum Dependable Capacity (Net MWe): 864
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7)
Since Last Report, Give Reasons:

N/A

9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons For Restrictions, If Any:

N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	745	7320	77592
12. Number Of Hours Reactor Was Critical	745	7196.9	55562.2
13. Reactor Reserve Shutdown Hours	0	0	2205.5
14. Hours Generator On-Line	745	6894.1	53076.3
15. Unit Reserve Shutdown Hours	0	0	468.2
16. Gross Thermal Energy Generated (MWH)	2001607	17912666	134224335
17. Gross Elec. Energy Generated (MWH)	639300	5748701	43555079
18. Net Electrical Energy Generated (MWH)	516372	5525511	41741212
19. Unit Service Factor	100	94.2	68.4
20. Unit Availability Factor	100	94.2	69.0
21. Unit Capacity Factor (Using MDC Net)	95.8	87.4	63.9
22. Unit Capacity Factor (Using DER Net)	95.1	86.8	63.1
23. Unit Forced Outage Rate	0	2.5	17.3
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			
Millstone Unit 2 is scheduled to shutdown in February 1985 for a 16 week Refueling and Maintenance Outage			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A
26. Units In Test Status (Prior to Commercial Operation):

Forecast Achieved

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

N/A	N/A
N/A	N/A
N/A	N/A

UNIT SHUTDOWNS AND POWER REDUCTIONS

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REPORT MONTH October 1984

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
11	841018	F	0	A	5	N/A	AA	ROD	While at 100% power CEA #48 dropped into core due to power supply failure. Power was reduced to < 70% power and CEA was recovered

1
F: Forced
S: Scheduled

2
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)

3
Method:
1-Manual
2-Manual Scram
3-Automatic Scram
4-Continued from
previous month
5-Power Reduction 5
(Duration = 0)
9-Other (Explain)

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Exhibit G - Instructions
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER) File
(NUREG-0161)
Exhibit 1 - Same Source

Docket No.	50-336
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CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

REPORT MONTH October 1984

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
10/11/84	Clean Liquid Radwaste	"A" Coolant Waste Monitor Tank Mixer Shaft	Adjusted packing to stop packing leak
10/12/84	Main Steam	#1 S/G Blowdown to Quench Tank Control Valve	Welded and machined to effect repair on bonnet steam cut leak
10/17/84	CVCS	"C" Charging Pump	Replace baffle stuffing box plunger packing to stop oil leak
10/22/84	Service Water	FE-6923 Isolation Valve and Nipple	Threaded 90° elbow installed to relieve plugging
10/16/84	Reactor Protection	Wide Range Drawer RPS-D	Replaced bad relay on A8 card and resoldered point 19-21
10/17/84	Process and Area Radiation Monitoring	Spent Fuel Pool Radiation Detector (West)	Replaced photomultiplier tube and recalibrated
10/23/84	Process and Area Radiation Monitoring	Spent Fuel Pool Radiation Detector	Replaced photomultiplier tube and recalibrated
10/24/84	Process and Area Radiation Monitoring	Spent Fuel Pool Radiation Detector (South)	Replaced photomultiplier tube and recalibrated
10/30/84	Reactor Coolant and Vessel	Pressurizer Pressure E to I Converter	Replaced PY-102B-2 and PY-8114-2, indicator; calibrated and replaced PS 102B

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REFUELING INFORMATION REQUEST

1. Name of facility: Millstone 2
2. Scheduled date for next refueling shutdown: Next refueling is in February 1985.
3. Schedule date for restart following refueling: June 1985
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

Currently under evaluation due to the impact of failed fuel.
5. Scheduled date(s) for submitting licensing action and supporting information:

4th quarter of 1984.
6. Important licensing considerations associated with refueling, e.g., new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures:

Discharge of failed fuel will impact reload analysis.
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:

(a) In Core: 217 (b) 376
8. The present licensed spent fuel pool storage capacity and the size of any increase in licensed storage capacity that has been requested or is planned, in number of fuel assemblies:

Currently 667
Plans are being formulated to rerack the spent fuel pool.
9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity:

1985, Spent Fuel Pool, Full core off load capacity is reached.
1987, Core Full, Spent Fuel Pool contains 648 bundles.

NORTHEAST UTILITIES



THE CONNECTICUT LIGHT AND POWER COMPANY
WESTERN MASSACHUSETTS ELECTRIC COMPANY
HOLYOKE WATER POWER COMPANY
NORTHEAST UTILITIES SERVICE COMPANY
NORTHEAST NUCLEAR ENERGY COMPANY

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November 9, 1984

MP-6436

Director Office of Management Information and Program Control
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Reference: Facility Operating License No. DPR-65
Docket No. 50-336

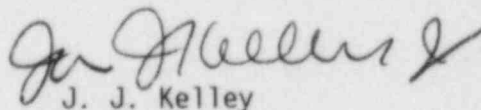
Dear Sir:

This letter is forwarded to provide the report of operating and shutdown experience relating to Millstone Unit 2 Monthly Operating Report 84-10 in accordance with Appendix A Technical Specifications, Section 6.9.1.3. One additional copy of the report is enclosed.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

FOR: E. J. Mroczka
Station Superintendent
Millstone Nuclear Power Station

BY: 
J. J. Kelley
Unit 2 Superintendent
Millstone Nuclear Power Station

EJM/GN:jlc

cc: Director, Office of Inspection and Enforcement, Region I

Director, Office of Inspection and Enforcement, Washington, D. C. (10)
U. S. Nuclear Regulatory Commission, c/o Document Management Branch,
Washington, D.C. 20555

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