AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-336

UNIT MILLSTONE 2

DATE 10-10-84

COMPLETED BY G. NERON

TELEPHONE (203) 447-1791
EXT. 4417

MONTH SEPTEMBER 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	815	17	776
2	818	18	817
3	818	19	827
4	820	20	826
5	733	21	825
6	785	22	827
7	727	23	824
8	819	24	823
9	823	25	823
10	819	26	824
11	818	27	827
12	819	28	826
13	820	29	711
14	819	30	800
15	825	31	---
16	827		

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.

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OPERATING DATA REPORT

DOCKET NO. 50-336
DATE 10-10-84
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OPERATING STATUS

1. Unit Name: Millstone Unit 2
2. Reporting Period: September 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

Notes: Items 21 & 22 cumulative are weighted ave. unit operated at 2560 MW thermal prior to its uprating to the current 2700 MW thermal power level.

		This Month	Yr.-to-Date	Cumulative
11.	Hours In Reporting Period	720	6575	76847
12.	Number Of Hours Reactor Was Critical	720	6451.9	54817.2
13.	Reactor Reserve Shutdown Hours	0	0	2205.5
14.	Hours Generator On-Line	720	6149.1	52331.3
15.	Unit Reserve Shutdown Hours	0	0	468.2
16.	Gross Thermal Energy Generated (MWH)	1910948	15911059	132222728
17.	Gross Elec. Energy Generated (MWH)	604400	5109401	42915779
18.	Net Electrical Energy Generated (MWH)	582128	4909139	41124840
19.	Unit Service Factor	100	93.5	68.1
20.	Unit Availability Factor	100	93.5	68.7
21.	Unit Capacity Factor (Using MDC Net)	93.6	86.4	63.6
22.	Unit Capacity Factor (Using DER Net)	92.9	85.8	62.8
23.	Unit Forced Outage Rate	0	2.7	17.5

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	N/A	N/A
INITIAL ELECTRICITY	N/A	N/A
COMMERCIAL OPERATION	N/A	N/A

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-336
UNIT NAME MILLSTONE 2
DATE 10-10-84
COMPLETED BY G. NERON
TELEPHONE (203) 447-1791 EXT. 4417

REPORT MONTH SEPTEMBER 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
9	840905	F	0	A	5	N/A	SG	COND	Reduced power from 100% to 80% power to perform leak check tests on condenser "D" water box. Leak checks performed and water box closed.
10	840907	F	0	A	5	N/A	AA	ROD	While at 100% power CEA #26 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 (Duration = 0)
9-Other (Explain)

4
Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

5
Exihibit 1 - Same Source

Docket No. 50-336
Date 10-10-84
Unit Name MILLSTONE 2
Completed By G. NERON
Telephone (203) 447-1791
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CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

REPORT MONTH SEPTEMBER 1984

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
9/11/84	Diesel Generator	2-DG-9/A Supply Solenoid Operated Valve	Replace broken copper line with stainless steel.
9/12/84	Main Steam	Drain Valve/Steam Supply from S/G #1 to Terry Turbine Header	Furmanite valve stuffing box.
9/14/84	Containment Post Incident Hydrogen Control	Hydrogen Recombiner Heater Power H29B	Replace filter board, one (1) SCR CE C 50 M in "C" phase, installed fuse in "B" and "C" phases.
9/11/84	Main Steam	S/G #2 Header Drain Control Valve Air Operator	Replaced operator shaft "O" ring seal.
9/12/84	Containment Structure	Personnel Airlock Exterior Hand Wheel Gasket	Replaced one (1) bolt and tightened packing around shaft.
9/13/84	Service Water	Lube Water Cross Tie Line	Emergency Patch Installed.
9/12/84	Reactor Coolant & Vessel	Reactor Coolant Loop 1A to Channel "A" RPS Temp Transmitter	Replaced TY-112CA-1 and TY-122HA-1 (Dual V/I UNITS), and recalibrated.
9/12/84	Reactor Coolant & Vessel	Reactor Coolant Loop 1 Hot Leg Temp Transmitter	Replace N-2AI-P2V card and calibrated.

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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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October 12, 1984
MP-6380

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 84-9 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

W D Romberg Fa

E. J. Mroczka
Station Superintendent
Millstone Nuclear Power Station

EJM/GN:ck

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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