OPERATING DATA REPORT

DOCKET NO. 50-336
DATE 7/11/84
COMPLETED BY J. GIBSON
TELEPHONE (203) 447-1791
EXT. 4431

OPERATING STATUS

1. Unit Name: Millstone Unit 2
2. Reporting Period: June 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 and 22 cumulative are weighted averages. Unit 2 operated at 2560 MW thermal prior to its current 2700 MW thermal power level.

		This Month	Yr.-to-Date	Cumulative
11.	Hours In Reporting Period	720	4367	74639
12.	Number Of Hours Reactor Was Critical	720	4243.9	52609.2
13.	Reactor Reserve Shutdown Hours	0	0	2205.5
14.	Hours Generator On-Line	720	3941.1	50123.3
15.	Unit Reserve Shutdown Hours	0	0	468.2
16.	Gross Thermal Energy Generated (MWH)	1877970	10100413	126412082
17.	Gross Elec. Energy Generated (MWH)	607800	3269501	41075879
18.	Net Electrical Energy Generated (MWH)	585656	3137558	39353259
19.	Unit Service Factor	100	90.3	67.2
20.	Unit Availability Factor	100	90.3	67.8
21.	Unit Capacity Factor (Using MDC Net)	94.1	83.2	62.7
22.	Unit Capacity Factor (Using DER Net)	93.5	82.6	61.8
23.	Unit Forced Outage Rate	0	4.2	18.1

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

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

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-336

UNIT MILLSTONE 2

DATE 7/11/84

COMPLETED BY J. GIBSON

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MONTH June 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	843	17	847
2	760	18	846
3	841	19	844
4	847	20	844
5	848	21	844
6	849	22	748
7	848	23	837
8	848	24	837
9	847	25	838
10	847	26	842
11	845	27	841
12	848	28	838
13	847	29	831
14	846	30	105
15	848	31	-
16	848		

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-336
UNIT NAME Millstone 2
DATE 7/11/84
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TELEPHONE (203) 447-1791
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REPORT MONTH June 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
5	840622	F	0	H	5	N/A	AA	ROD	While at 100% power and during CEA motion testing, CEA dropped fully into the core. Power was reduced to < 70% power and CEA was recovered.
6	840629	S	0	B	5	N/A	SB	SHV	Power reduction from 100% power to 12% power for repair of 2-MS-432A/B. Valves inside containment.

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 7/11/84
Unit Name Millstone 2
Completed By J. Gibson
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CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

REPORT MONTH June 1984

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
5/8/84	Reactor Protection System	Channel 'D' RPS	Replaced steam generator pressure bistable card.
6/8/84	CVCS	2-CH-160	Replaced leaking cap gasket on boric acid pump discharge relief valve.
6/12/84	Reactor Protection System	Wide Range Channel 'D'	Replaced bistable card.
6/25/84	Main Steam	Blowdown Quench Tank Motor	Replaced upper and lower bearings.
6/26/84	Main Steam	Blowdown Quench Tank Pump	Replaced: Suction Plate/Impellar/ Mechanical Seal/Pump Shaft

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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: N/A

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

   Currently under evaluation.

5. Scheduled date(s) for submitting licensing action and supporting information:

   Not available at this time.

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:

   667

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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July 12, 1984
MP-6194

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 84-6 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: Edward J. Mroczka
Station Superintendent
Millstone Nuclear Power Station

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

EJM/JG: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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