

OPERATING DATA REPORT

DOCKET NO. 50-336
 DATE 05/14/84
 COMPLETED BY R. Borchert
 TELEPHONE (203) 447-1791
Ext. 4418

OPERATING STATUS

1. Unit Name: Millstone Unit 2 Notes
 2. Reporting Period: April 1984 Items 21 and 22 cumulative
 3. Licensed Thermal Power (Mwt): 2700 are weighted ave. unit
 4. Nameplate Rating (Gross MWe): 909 operated at 2560 MW Thermal
 5. Design Electrical Rating (Net MWe): 870 prior to its uprating to
 6. Maximum Dependable Capacity (Gross MWe): 895 the current 2700 MW
 7. Maximum Dependable Capacity (Net MWe): 864 thermal power level.
 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	<u>719</u>	<u>2903</u>	<u>73155</u>
12. Number Of Hours Reactor Was Critical	<u>719</u>	<u>2779.9</u>	<u>51145.2</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>2205.5</u>
14. Hours Generator On-Line	<u>719</u>	<u>2477.1</u>	<u>48659.3</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>468.2</u>
16. Gross Thermal Energy Generated (MWH)	<u>1935357</u>	<u>6224228</u>	<u>122535897</u>
17. Gross Elec. Energy Generated (MWH)	<u>633000</u>	<u>2010601</u>	<u>39816979</u>
18. Net Electrical Energy Generated (MWH)	<u>610772</u>	<u>1923752</u>	<u>38139453</u>
19. Unit Service Factor	<u>100.0</u>	<u>85.3</u>	<u>66.5</u>
20. Unit Availability Factor	<u>100.0</u>	<u>85.3</u>	<u>67.2</u>
21. Unit Capacity Factor (Using MDC Net)	<u>98.3</u>	<u>76.7</u>	<u>62.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>97.6</u>	<u>76.2</u>	<u>61.1</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>6.0</u>	<u>15.2</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	<u>None</u>		

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	<u>N/A</u>	<u>N/A</u>
INITIAL ELECTRICITY	<u>N/A</u>	<u>N/A</u>
COMMERCIAL OPERATION	<u>N/A</u>	<u>N/A</u>

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-336

UNIT Millston: 2

DATE 05/14/84

COMPLETED BY R. Borchert

TELEPHONE (203) 447-1791
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MONTH April 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>849</u>	17	<u>855</u>
2	<u>852</u>	18	<u>855</u>
3	<u>853</u>	19	<u>854</u>
4	<u>853</u>	20	<u>855</u>
5	<u>852</u>	21	<u>856</u>
6	<u>853</u>	22	<u>857</u>
7	<u>853</u>	23	<u>854</u>
8	<u>853</u>	24	<u>851</u>
9	<u>853</u>	25	<u>854</u>
10	<u>855</u>	26	<u>853</u>
11	<u>853</u>	27	<u>853</u>
12	<u>853</u>	28	<u>850</u>
13	<u>853</u>	29	<u>840</u>
14	<u>854</u>	30	<u>846</u>
15	<u>756</u>	31	<u>N/A</u>
16	<u>853</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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-336
 UNIT NAME Millstone 2
 DATE 05/14/84
 COMPLETED BY R. Borchert
 TELEPHONE (203) 447-1791
 Ext. 4418

REPORT MONTH April 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
3	840415	F	0.0	A	5	None	RB	Instru	While at 100% power, CEA #57 dropped fully into core. 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
 Exhibit 1 - Same Source

Docket No. 50-33C
Date 05/14/84
Unit Name Millstone 2
Completed By R. Borchert
Telephone (203) 447-1791
Ext. 4418

CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

REPORT MONTH April 1984

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
4/4/84	Reactor Protection System	'C' RPS Channel	Replace power supply trip Unit #3
4/7/84	CVCS	'A' Charging Pump	Replace cracked block with new block
4/11/84	CVCS	'C' Charging Pump	Repacked pump
4/17/84	Diesel Generator	'B' Diesel Gen.	Replaced jacket water expansion tank alarm
4/26/84	Reactor Protection System	'C' RPS Channel	Replace ±10 VDC ref. power supply

Docket No. 50-336
Date: 05/14/84
Completed By: R. Borchert
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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

General Offices • Selden Street, Berlin, Connecticut

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May 14, 1984
MP-6016

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 84-4 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

A handwritten signature in cursive script, appearing to read 'E. J. Mroczka'.

E. J. Mroczka
Station Superintendent
Millstone Nuclear Power Station

EJM/RB: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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