

OPERATING DATA REPORT

DOCKET NO. 50-336
 DATE 7/12/83
 COMPLETED BY J. Gibson
 TELEPHONE (203) 447-1791
 Ext. 4431

OPERATING STATUS

1. Unit Name: Millstone 2
2. Reporting Period: June 1983
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): 891
7. Maximum Dependable Capacity (Net MWe): 860.25
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7)
 Since Last Report, Give Reasons:
N/A

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

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	720	4343	65855
12. Number Of Hours Reactor Was Critical	0	3130.5	48365.3
13. Reactor Reserve Shutdown Hours	0	0	2205.5
14. Hours Generator On-Line	0	2994.9	46182.2
15. Unit Reserve Shutdown Hours	0	0	468.2
16. Gross Thermal Energy Generated (MWH)	0	7877464	13171669
17. Gross Elec. Energy Generated (MWH)	0	2575530	37806378
18. Net Electrical Energy Generated (MWH) (-2910.1)	2471459.2	36233271.9	
19. Unit Service Factor	0	69.0	70.1
20. Unit Availability Factor	0	69.0	70.8
21. Unit Capacity Factor (Using MDC Net)	0	70.1 *	66.2
22. Unit Capacity Factor (Using DER Net)	0	65.4	65.3
23. Unit Forced Outage Rate	0	13.7	19.1
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Continuation of Refuel/Maintenance Outage			

25. If Shut Down At End Of Report Period, Estimated Date of Startup:

26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
N/A	N/A
N/A	N/A
N/A	N/A

* Item 21 yr-to-date is weighted ave due to change in MDC effective May 1, 1983.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-336

UNIT Millstone 2

DATE 7/12/83

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MONTH June 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>	17	<u>0</u>
2	<u>0</u>	18	<u>0</u>
3	<u>0</u>	19	<u>0</u>
4	<u>0</u>	20	<u>0</u>
5	<u>0</u>	21	<u>0</u>
6	<u>0</u>	22	<u>0</u>
7	<u>0</u>	23	<u>0</u>
8	<u>0</u>	24	<u>0</u>
9	<u>0</u>	25	<u>0</u>
10	<u>0</u>	26	<u>0</u>
11	<u>0</u>	27	<u>0</u>
12	<u>0</u>	28	<u>0</u>
13	<u>0</u>	29	<u>0</u>
14	<u>0</u>	30	<u>0</u>
15	<u>0</u>	31	<u>—</u>
16	<u>0</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
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REPORT MONTH JUNE 83

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	830528	S	720	C	1	N/A	N/A	N/A	Continuation of Refuel and Maint- enance Outage from previous Month.

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 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-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. 50-336
 Date 7/12/83
 Unit Name Millstone 2
 Completed By J. Gibson
 Telephone (203) 447-1792
 Ext. 4431

CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

REPORT MONTH JUNE 83

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
6/5/83	DIESEL GENERATOR	"B" D/G	INSTALL AIR DRYER
6/11/83	DIESEL GENERATOR	"B" D/G	PRE-LUBE MOTOR HANDSWITCH
6/14/83	CVCS	2-CH-210X	REPAIR AIR LEAK ON OPERATOR AND CHANGE PACKING
6/17/83	SAFETY INJECTION	2-SI-638 2-SI-648	DISASSEMBLE AND REPAIR VALVE SEATS
6/21/83	MAIN STEAM	2-MS-284	DISASSEMBLE VALVE, REPLACE STEM AND VALVE PLUG - REPACK VALVE
6/27/83	REACTOR PROTECTION SYSTEM	CONTROL ELEMENT DRIVE POWER SUPPLY	REPLACED POWER SUPPLY

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REFUELING INFORMATION REQUEST

1. Name of facility: Millstone 2
2. Scheduled date for next refueling shutdown:

Currently in Refuel/Maintenance Outage which commenced May 28, 1983.
3. Schedule date for restart following refueling:

Estimated date for restart is unavailable. NNECo is currently developing a schedule consistent with the repair of the reactor vessel thermal shield. (See LER 83-24)

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

It is anticipated that Cycle 6 operations will require Technical Specification changes or other License amendments. Some supporting documentation has already been submitted as follows:

Safety Analyses: April 13, 1983

Steam Generator Licensing Action: June 3, 1983

5. Scheduled date(s) for submitting licensing action and supporting information: Not Available
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:

Additional plugged S.G. tubes will result in reactor coolant flow reduction. Currently planning to install sleeves in S.G. tubes. Reactor Vessel thermal shield removal may be necessary prior to startup. As previously identified to the NRC, NNECo has identified failed fuel at Millstone Unit 2. The need to replace defective fuel assemblies will impact the core loading pattern and core physics parameters used as input to the safety analyses. The effect of a new loading pattern on the ongoing review of docketed material is not fully apparent at this time; however additional transient analysis may be required if significant loading pattern changes are needed. (See LER 83-19/3L-1)

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:

(a) In Core: 0 (b) 505

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 capability is reached.
1987, Core Full, Spent Fuel Pool contains 648 bundles.

NORTHEAST UTILITIES



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

P.O. BOX 270
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July 14, 1983
MP-5222

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 83-6 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

A handwritten signature in cursive script, reading 'E. J. Mroczka'.

E. J. Mroczka
Station Superintendent
Millstone Nuclear Power Station

EJM/JG:plt

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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