OPERATING DATA REPORT

DOCKET NO. 50-336
DATE 9/14/83
COMPLETED BY J. Gibson
TELEPHONE (203) 447-1791
Ext. 4431

OPERATING STATUS

1. Unit Name: Millstone 2
2. Reporting Period: August 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): 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 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	744	5831	67343
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)	(-3007)	2465436.4	36227249
19. Unit Service Factor	0	51.4	68.6
20. Unit Availability Factor	0	51.4	69.3
21. Unit Capacity Factor (Using MDC Net)	0	48.9	64.2
22. Unit Capacity Factor (Using DER Net)	0	48.6	63.3
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):

	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 9/14/83

COMPLETED BY J. Gibson

TELEPHONE (203) 447-1791
Ext. 4431

MONTH August 1983

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

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 9/14/83
COMPLETED BY J. Gibson
TELEPHONE (203) 447-1791
Ext. 4431

REPORT MONTH August

No.	Date	Type[1]	Duration (Hours)	Reason[2]	Method of Shutting Down Reactor[3]	Licensee Event Report #	System Code[4]	Compopent Code[5]	Cause & Corrective Action to Prevent Recurrence
5	830528	S	744	C	1	N/A	N/A	N/A	Continuation of Refuel and Maintenance Outage from previous month

1
F: Forced
S: Scheduled

2
Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refuling
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
Exihibit 1 - Same Source

Docket No. 50-336
Date 9/14/83
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CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

REPORT MONTH August

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
8/4/83	Safety Injection	2-SI-726	Replaced valve plug
8/4/83	Safety Injection	SI Recirc. Header	Install isolation valve and pressure tap
8/4/83	Reactor Coolant System	Press. Trans. PT 103 and PT 103-1	Replaced pressurizer press. transmitters
8/11/83	Reactor Coolant System	RCP Seal	Rebuilt 'D' Rx Coolant Pump Seal
8/16/83	Main Steam	Steam Flow & Feed Flow Transmitters	Replace with new
8/17/83	Loose Parts Monitoring	Loose Parts Monitor	Installed new accelerometers and cabling
8/22/83	Main Steam	2-MS-201	Rebuild valve operator
8/22/83	Reactor Protection System	RPS Cabinet	Modify all channel Bi-stables
8/24/83	Safety Injection	2-SI-460	Grind off burr in valve guide
8/25/83	Nuclear Instrumentation	4-Wide Range Channels	Replace 4 wide range neutron detectors

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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. Supporting information has already been submitted.

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

   A schedule has not been determined for further submittals.

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 will 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). In addition, recent problems identified with the top nozzles of a number of fuel assemblies (See LERS 83-25 & 83-26) have left uncertainty as to the core loading plan. These problems are currently under review.

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
HARTFORD, CONNECTICUT 06101
(203) 666-6911

September 15, 1983
MP-5382

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 83-8 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

E. J. Mroczka
Station Superintendent
Millstone Nuclear Power Station

EJM/JG: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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