

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-336

UNIT Millstone 2

DATE 840303

COMPLETED BY J. Gibson

TELEPHONE (203) 447-1791
Ext. 4431

MONTH February 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>839</u>	17	<u>0</u>
2	<u>842</u>	18	<u>108</u>
3	<u>841</u>	19	<u>521</u>
4	<u>842</u>	20	<u>809</u>
5	<u>843</u>	21	<u>844</u>
6	<u>843</u>	22	<u>845</u>
7	<u>841</u>	23	<u>845</u>
8	<u>843</u>	24	<u>847</u>
9	<u>841</u>	25	<u>849</u>
10	<u>843</u>	26	<u>849</u>
11	<u>845</u>	27	<u>849</u>
12	<u>844</u>	28	<u>849</u>
13	<u>386</u>	29	<u>848</u>
14	<u>0</u>	30	<u>-</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.

8403300080 840229
PDR ADOCK 05000336
R PDR

IE24

OPERATING DATA REPORT

DOCKET NO. 50-336
 DATE 840303
 COMPLETED BY J. Gibson
 TELEPHONE (203) 447-1791
 Ext. 4431

OPERATING STATUS

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. Unit Name: <u>Millstone Unit 2</u> 2. Reporting Period: <u>February 1984</u> 3. Licensed Thermal Power (Mwt): <u>2700</u> 4. Nameplate Rating (Gross MWe): <u>909</u> 5. Design Electrical Rating (Net MWe): <u>870</u> 6. Maximum Dependable Capacity (Gross MWe): <u>895</u> 7. Maximum Dependable Capacity (Net MWe): <u>864</u> 8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7)
 Since Last Report, Give Reasons:
 <u>N/A</u> | <p>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</p> |
|--|--|

- | |
|---|
| <ol style="list-style-type: none"> 9. Power Level To Which Restricted, If Any (Net MWe): <u>N/A</u> 10. Reasons For Restrictions, If Any:
 <u>N/A</u> |
|---|

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	696	1440	71712
12. Number Of Hours Reactor Was Critical	696	1316.9	49682.2
13. Reactor Reserve Shutdown Hours	0	0	2205.5
14. Hours Generator On-Line	577.7	1014.1	47196.3
15. Unit Reserve Shutdown Hours	0	0	468.2
16. Gross Thermal Energy Generated (MWH)	1507373	23173040	118628973
17. Gross Elec. Energy Generated (MWH)	486800	735401	38541779
18. Net Electrical Energy Generated (MWH)	464632	629899	396908600
19. Unit Service Factor	83.0	70.4	65.8
20. Unit Availability Factor	83.0	70.4	66.5
21. Unit Capacity Factor (Using MDC Net)	77.3	50.6	61.2
22. Unit Capacity Factor (Using DER Net)	76.7	50.3	60.4
23. Unit Forced Outage Rate	17.0	14.6	19.0
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): None			

- | | | | | | | | | | | | | | |
|--|---|------------|----------|----------|---------------------|------------|------------|---------------------|------------|------------|----------------------|------------|------------|
| <ol style="list-style-type: none"> 25. If Shut Down At End Of Report Period, Estimated Date of Startup: <u>N/A</u> 26. Units In Test Status (Prior to Commercial Operation): | <table border="0"> <tr> <td></td> <td>Forecast</td> <td>Achieved</td> </tr> <tr> <td>INITIAL CRITICALITY</td> <td><u>N/A</u></td> <td><u>N/A</u></td> </tr> <tr> <td>INITIAL ELECTRICITY</td> <td><u>N/A</u></td> <td><u>N/A</u></td> </tr> <tr> <td>COMMERCIAL OPERATION</td> <td><u>N/A</u></td> <td><u>N/A</u></td> </tr> </table> | | 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> |
| | 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> | | | | | | | | | | | |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-336

UNIT NAME Millstone 2DATE 840303COMPLETED BY J. GibsonTELEPHONE (203) 447-1791Ext. 4431REPORT MONTH February 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
2	840213	F	118.3	A	1	84-006	JC	TIT	Several Reactor Coolant System RTD's exceeded the tech. spec. response time. See LER 84-006.

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-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 840303
 Unit Name Millstone 2
 Completed By J. Gibson
 Telephone (203) 447-1791
 Ext. 4431

CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

REPORT MONTH February 1984

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
2/7/84	Diesel Generators	Diesel Start Relief Valves	Machined and rebuilt diesel start relief valves 2-DG-54 and 2-DG-55.
2/10/84	CVCS	"B" Charging Pump	Changed packing in "B" charging pump.
2/14/84	Diesel Generators	"B" Diesel Generator Starting Air Receiver	Replaced valve 2-DG-340 on "B" Diesel Starting Air Receiver.
2/14/84	Safety Injection	Level Transmitters	Torqued Covers on SIT level trasmitters.
2/14/84	Reactor Protection	RTD's	Replaced RPS RTD's T-112HD and T-122CA.
2/14/84	Reactor Coolant	Acoustic Valve Monitoring	Replaced and Calibrated signal conditioner for valve 2-RC-201.
2/16/84	Reactor Protection	RTD's	Bypass RPS RTD's T-122CA, T-122CB and T-122HC out of RPS.
2/21/84	Reactor Protection	RTD's	Restore RPS RTD's T-112CB and T-112HC to RPS.

Docket No. 50-366
Date: 840303
Completed By: J. Gibson
Telephone: (203) 447-1791
Ext. 4431

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?
Unknown at this time for Cycle 7.
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:
Not known at this time.
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

P.O. BOX 270
HARTFORD, CONNECTICUT 06141-0270
(203) 666-6911

March 13, 1984
MP-5868

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 84-02 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:dlp

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

IE24
1/1