

OPERATING DATA REPORT

DOCKET NO. 50-336
DATE 1/13/86
COMPLETED BY J. Gibson
TELEPHONE (203) 447-1791
Ext. 4431

OPERATING STATUS

1. Unit Name: Millstone Unit 2
2. Reporting Period: December 1985
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): 888.75
7. Maximum Dependable Capacity (Net MWe): 857.25
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 averages. Unit operated at 2560 MW thermal prior to its uprating to the 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	744	8760	87816
12. Number Of Hours Reactor Was Critical	744	4460.7	62537.7
13. Reactor Reserve Shutdown Hours	0	0	2205.5
14. Hours Generator On-Line	744	4324.7	58717.7
15. Unit Reserve Shutdown Hours	0	0	468.2
16. Gross Thermal Energy Generated (MWH)	1990411	11219345	148103802
17. Gross Elec. Energy Generated (MWH)	650200	3659800	48341479
18. Net Electrical Energy Generated (MWH)	627060	3497696	46321219
19. Unit Service Factor	100	49.4	66.9
20. Unit Availability Factor	100	49.4	67.4
21. Unit Capacity Factor (Using MDC Net)	98.3	47.4	62.6
22. Unit Capacity Factor (Using DER Net)	96.9	45.9	61.6
23. Unit Forced Outage Rate	0	20.6	17.4
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
INITIAL ELECTRICITY
COMMERCIAL OPERATION

N/A N/A
N/A N/A
N/A N/A

**Item 21 year-to-date is weighted average as a result of the change in capacity rating.

8604020008 851231
PDR ADOCK 05000336
PDR

IE24
11/

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-336

UNIT Millstone 2

DATE 1/13/86

COMPLETED BY J. Gibson

TELEPHONE (203) 447-1791
Ext. 4431

MONTH December 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>859</u>	17	<u>854</u>
2	<u>859</u>	18	<u>852</u>
3	<u>860</u>	19	<u>852</u>
4	<u>859</u>	20	<u>844</u>
5	<u>859</u>	21	<u>850</u>
6	<u>858</u>	22	<u>843</u>
7	<u>858</u>	23	<u>839</u>
8	<u>858</u>	24	<u>847</u>
9	<u>857</u>	25	<u>846</u>
10	<u>856</u>	26	<u>846</u>
11	<u>855</u>	27	<u>845</u>
12	<u>854</u>	28	<u>845</u>
13	<u>854</u>	29	<u>845</u>
14	<u>854</u>	30	<u>845</u>
15	<u>853</u>	31	<u>596</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 Unit 2DATE 1/13/86COMPLETED BY J. GibsonTELEPHONE (203) 447-1791

Ext. 4431

REPORT MONTH December 1985

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
9	851231	F	0	A	5	N/A	SJ	HX	Power was reduced to approx. 50 percent power for 5th point feedwater heater tube leak repairs.

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 License Event Report (LER) File (NUREG-0161)

Exhibit 1 - Same Source

Docket No.	50-336
Date	1/13/86
Unit Name	Millstone Unit 2
Completed By	J. Gibson
Telephone	(203) 447-1791
	Ext. 4431

CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

REPORT MONTH December 1985

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
12/4/85	Safety Injection Tanks	2-SI-306 flow control valve	Shimmed key plug and corrected mechanical indicator.
12/4/85	Containment & Enclosure Bldg. Purge	2-AC-3 fan supply stop damper	Replace solenoid valves.
12/5/85	Auxiliary Feedwater	Aux. Feed Pump P9A	Replaced bearing, gasket and oil.
12/3/85	Service Water	2-SW-13A Discharge Check Valve	Tightened all nuts to stop leakage.
12/4/85	Service Water	'C' RBCCW Heat Exch. 2-SW-8.1C	Replaced tubing on temp. sensing line
12/5/85	120 Volt Vital Regulated Instrument AC	Inverter #3	Replaced dropout voltage relay.
12/3/85	Diesel Generator	'A' Emergency Di	Silver soldered pinhole in damaged instrument line.

Docket No.	50-336
Date	1/13/86
Unit Name	Millstone Unit 2
Completed By	J. Gibson
Telephone	(203) 447-1791
	Ext. 4431

CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

REPORT MONTH December 1985

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
12/19/85	EBFS	Delta P transmitter (enclosure building to atmos.)	Calibrated valves.
12/13/85	Auxiliary Feedwater	Flow to Steam Generator #1 flow indicator	Repaired and calibrated flow indicator.
12/17/85	Process and Area Radiation Monitoring	Steam Generator Blowdown Rad Monitor RM-4262	Removed probe, cleaned sample can and replaced.
12/12/85	Process and Area Radiation Monitoring	Containment Hi-range Rad Monitor RIT-8241	Replaced Q101 pot (shorted to ground)

Docket No. 50-336
Date: 1/13/86
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: September 1986
3. Schedule date for restart following refueling: November 1986
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

Unknown at this time.

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

The license amendment request for the spent fuel pool re-rack has been approved by all involved technical disciplines of the NRC. Legal review and administrative sign off remain to be completed.

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:

None

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

(a) In Core: 217 (b) 449

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:

Currently 667

Plans are being formulated to rerack the spent fuel pool beginning in January 1986, to increase the storage capacity to 1106 fuel assemblies.

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 • Seiden Street, Berlin, Connecticut

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

January 14, 1986
MP-8600

Director, Office of Resource Management
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 85-12 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 dark ink, appearing to read 'W.D. Romberg', written over a horizontal line.

W. D. Romberg
Station Superintendent
Millstone Nuclear Power Station

WDR/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

IE24
11
1