AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-336

UNIT Millstone 2

DATE 3/11/86

COMPLETED BY G. Neron

TELEPHONE (203) 447-1791
Extension 4417

MONTH February 1986

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	847	17	845
2	847	18	844
3	845	19	844
4	846	20	844
5	845	21	844
6	845	22	845
7	845	23	845
8	845	24	844
9	844	25	844
10	844	26	844
11	845	27	844
12	845	28	844
13	844	29	
14	845	30	
15	845	31	
16	845		

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.

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OPERATING DATA REPORT

DOCKET NO. 50-336
DATE 3/11/86
COMPLETED BY G. Neron
TELEPHONE (203) 447-1791
Extension 4417

OPERATING STATUS

1. Unit Name: Millstone Unit 2
2. Reporting Period: February 1986
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
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 averages. Unit operated at 2560 MW Thermal prior to its up rating to the current 2700 MW Thermal power level.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	672	1416	89232
12. Number Of Hours Reactor Was Critical	672	1416	63953.7
13. Reactor Reserve Shutdown Hours	0	0	2205.5
14. Hours Generator On-Line	672	1416	60133.7
15. Unit Reserve Shutdown Hours	0	0	468.2
16. Gross Thermal Energy Generated (MWH)	1813645	3797744	151901546
17. Gross Elec. Energy Generated (MWH)	587600	1231200	49572679
18. Net Electrical Energy Generated (MWH)	566888	1187490	47508709
19. Unit Service Factor	100	100	67.4
20. Unit Availability Factor	100	100	67.9
21. Unit Capacity Factor (Using MDC Net)	98.4	97.8	63.2
22. Unit Capacity Factor (Using DER Net)	97.0	96.4	62.2
23. Unit Forced Outage Rate	0	0	17.0

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	N/A	N/A
INITIAL ELECTRICITY	N/A	N/A
COMMERCIAL OPERATION	N/A	N/A

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-336
UNIT NAME Millstone 2
DATE 3/11/86
COMPLETED BY G. Neron
TELEPHONE (203) 447-1791
Extension 4417

REPORT MONTH February 1986

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
N/A									

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. 50-336
Date 3/11/86
Unit Name Millstone 2
Completed By G. Neron
Telephone (203) 447-1791
Extension 4417

CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

REPORT MONTH February 1986

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
2/8/86	Boric Acid	Boric Acid Emergency Supply Header Relief Valve (2-CH-157)	Machined seat and disc, renewed gasket.
2/12/86	Boric Acid	Boric Acid Pump Discharge Relief Valve (2-CH-160)	Installed new stem and disc, machined seat and lapped.
2/10/86	HPSI	"C" HPSI Pump	Washed away boric acid and tightened pipe caps on casing vent.
2/10/86	Shutdown Cooling	S.C Line from Loop "2B" Pipe (14-GCB-1)	Realigned hanger and tightened nuts.
2/12/86	Main Steam	Hanger #413082B and Snubber #11576	Adjusted snubber.
2/12/86	Main Steam	Hanger #413080 #413082 #413085 #413076 #SAFR-2	Torqued Bolts.
2/12/86	Main Steam	Hanger #SAFR-8	Adjusted clevis rod to reseat base plate on concrete wall.

Docket No. 50-336
Date 3/11/86
Unit Name Millstone 2
Completed By G. Neron
Telephone (203) 447-1791
Extension 4417

CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

REPORT MONTH February 1986

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
2/12/86	Main Steam	Hanger #413061	Welded new shoe on hanger and set spring set tension on spring can at hot setting.
2/4/86	Reactor Coolant and Vessel	ICC System Panel - Train "A"	Spliced lead and raychemed.
2/20/86	Reactor Coolant and Vessel	ICC System Panel - Train "A"	Replaced DO-1 relay with spare ir DO-3.
2/3/86	Diesel Generator	Diesel B Jacket Cooling Water Temperature	Replaced TS-8776
2/5/86	Process and Area Rad. Monitoring	CTMT Air Gaseous Radiation Monitor Loop (RM-8262B)	Replaced photo tube, crystal, mylar window and O-ring; applied crystal sealing compound.
2/14/86	Reactor Protection System	Wide Range Drawer "A"	Adjusted high voltage bistable.
2/1/86	Reactor Protection System	Wide Range Drawer "D"	Replaced high voltage potentiometer by soldering in new Bourns potentiometer and installed new terminal lugs.

Docket No. 50-336
Date 3/11/86
Unit Name Millstone 2
Completed By G. Neron
Telephone (203) 447-1791
Extension 4412

CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

REPORT MONTH February 1986

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
2/14/86	Annunciator Logic Panel	Annunciator Power Supply Cabinet (RC22A)	Replaced blown fuse and capacitor C3; replaced CR15 and 16 also; installed and adjusted power supply.

Docket No. 50-336
Date: 3/11/86
Completed By: G. Neron
Telephone: (203) 447-1791
Extension 4417

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: December 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 was approved on January 15, 1986

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

   Reracking of the Spent Fuel Pool to increase the storage capacity to 1106 fuel assemblies is in progress.

9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity:

   1986, 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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March 13, 1986
MP-8815

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 86-02 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

W. D. Romberg
Station Superintendent
Millstone Nuclear Power Station

WDR/GN:ck

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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