AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-336

UNIT Millstone Unit 2

DATE October 5, 1988

COMPLETED BY G. Neron

TELEPHONE (203)447-1791
Extension 4417

MONTH September 1988

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	863	17	758
2	863	18	841
3	862	19	858
4	863	20	861
5	862	21	860
6	862	22	860
7	862	23	860
8	862	24	859
9	862	25	858
10	862	26	857
11	863	27	858
12	863	28	857
13	863	29	856
14	863	30	854
15	862	31	---
16	850		

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.

IE24
1/1

OPERATING DATA REPORT

DOCKET NO. 50-336
DATE October 5, 1988
COMPLETED BY G. Neron
TELEPHONE (203)447-1791
Extension 4417

OPERATING STATUS

1. Unit Name: Millstone Unit 2
2. Reporting Period: September 1988
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):893.88
7. Maximum Dependable Capacity (Net MWe): 862.88
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: N/A

NOTES Items 21 and 22 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	720	6,575	111,911
12.	Number Of Hours Reactor Was Critical	720.0	4,770.0	82,150.3
13.	Reactor Reserve Shutdown Hours	0	0	2,205.5
14.	Hours Generator On-Line	720.0	4,638.5	77,891.5
15.	Unit Reserve Shutdown Hours	0	0	468.2
16.	Gross Thermal Energy Generated (MWH)	1,936,390	12,251,257	216,813,519
17.	Gross Elec. Energy Generated (MWH)	638,595.5	4,046,981.5	64,918,560.5
18.	Net Electrical Energy Generated (MWH)	616,395.5	3,888,019.5	62,264,557.5
19.	Unit Service Factor	100.0	70.5	69.6
20.	Unit Availability Factor	100.0	70.5	70.0
21.	Unit Capacity Factor (Using MDC Net)	99.2	68.8	65.6
22.	Unit Capacity Factor (Using DER Net)	98.4	68.0	64.6
23.	Unit Forced Outage Rate	0.0	13.3	15.0

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

**Item 21 Year-to-Date is a weighted average as a result of the capacity rating change.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-336
UNIT NAME Millstone 2
DATE October 5, 1988
COMPLETED BY G. Neron
TELEPHONE (203)447-1791
Extension 4417

REPORT MONTH September 1988

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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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)
6-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

REFUELING INFORMATION REQUEST

1. Name of facility: Millstone 2

2. Scheduled date for next refueling shutdown: February, 1989

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?

   Technical Specification changes will be necessary resulting from the change in fuel and safety analysis supplier for cycle 10 operation.

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

   The projected date is November 1988

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:

   Cycle 10 will be unique in that it will be the first cycle where the fuel and safety analysis will be supplied by Advanced Nuclear Fuels for Millstone Unit 2.

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

   (a) In Core: (a) 217 (b) 580

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 1277

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

   1994, Spent Fuel Pool Full, core off load capacity is reached (without consolidation).
   1998, Core Full, Spent Fuel Pool Full
   2009, Spent Fuel Pool Full, core off load capacity is reached - contingent upon full scale storage of consolidated fuel in the Spent Fuel Pool.

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) 665-5000

October 7, 1988
MP-12312

Re: 10CFR50.71(a)

U.S. Nuclear Regulatory Commission
Document Control Desk
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 88-09 in accordance with Appendix A Technical Specifications, Section 6.9.1.6. One additional copy of the report is enclosed.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

Stephen E. Scace
Station Superintendent
Millstone Nuclear Power Station

SES/GN:ljs

cc: W.T. Russell, Region I Administrator
W.J. Raymond, Senior Resident Inspector, Millstone Unit Nos. 1, 2 & 3

IE24
1/1