

# NORTHEAST UTILITIES



THE CONNECTICUT LIGHT AND POWER COMPANY  
WESTERN MASSACHUSETTS ELECTRIC COMPANY  
HOLISTON WATER POWER COMPANY  
NORTHEAST UTILITIES SERVICE COMPANY  
NORTHEAST NUCLEAR ENERGY COMPANY

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June 8, 1993  
MP-93-462

Re: 10CFR50.71(a)

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D.C. 20555

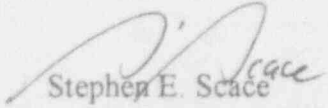
Reference: Facility Operating License No. NPF-49  
Docket No. 50-423

Dear Sir:

In accordance with reporting requirements of Technical Specifications Section 6.9.1.5, the Millstone Nuclear Power Station - Unit 3 Monthly Operating Report 93-06 covering operation for the month of May is hereby forwarded.

Very truly yours,

NORTHEAST NUCLEAR ENERGY  
COMPANY

  
Stephen E. Scace  
Vice President, Millstone Station - NNECO

Attachment

cc: T.T. Martin, Region I Administrator  
P. Swetland, Senior Resident Inspector, Millstone Unit Nos. 1,2 & 3  
V. L. Rooney, NRC Project Manager, Millstone Unit No. 3

JE24

\*\*\*\*\* NRC OPERATING STATUS REPORT COMPLETED BY REACTOR ENGINEERING \*\*\*\*\*

1. DOCKET....50-423  
 2. REPORTING PERIOD...MAY 1993 OUTAGE + ONLINE HOURS... 0.0 + 744.0 = 744.0  
 3. UTILITY CONTACT.....L. C. Doboe 203-447-1791 x 6076  
 4. LICENSED THERMAL POWER..... 3411  
 5. NAMEPLATE RATING (GROSS MWE)..... 1,253 MW  
 6. DESIGN ELECTRICAL RATING (NET MWE)..... 1,153.6  
 7. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE)..... 1,184.2  
 8. MAXIMUM DEPENDABLE CAPACITY (NET MWE)..... 1,137.0  
 9. IF CHANGES OCCUR ABOVE SINCE LAST REPORT, REASONS ARE.....  
 N/A  
 10. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE).....N/A  
 11. REASON FOR RESTRICTION, IF ANY.. .N/A

\*\*\*\*\*  
 \* MILLSTONE \*  
 \* UNIT 3 \*  
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	MONTH	YEAR TO DATE	CUMULATIVE TO DATE
	=====	=====	=====
12. HOURS IN REPORTING PERIOD	744.0	3,623.0	62,303.0
13. NUMBER OF HOURS THE REACTOR WAS CRITICAL	744.0	8,445.6	46,483.7
14. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	6,466.5
15. HOURS GENERATOR ONLINE	744.0	3,384.5	45,515.5
16. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
17. GROSS THERMAL ENERGY GENERATED (MWH)	2,529,502.0	11,229,503.0	148,419,801.6
18. GROSS ELECTRICAL ENERGY GENERATED (MWH)	865,111.5	3,834,057.0	51,152,296.6
19. NET ELECTRICAL ENERGY GENERATED (MWH)	823,280.8	3,637,399.9	48,624,667.2
20. UNIT SERVICE FACTOR	100.0	93.4	73.1
21. UNIT AVAILABILITY FACTOR	100.0	93.4	73.1
22. UNIT CAPACITY FACTOR (USING MDC NET)	97.3	88.3	68.5
23. UNIT CAPACITY FACTOR (USING DER NET)	95.9	87.0	67.7
24. UNIT FORCED OUTAGE RATE	0.0	6.6	18.0
25. UNIT FORCED OUTAGE HOURS	0.0	238.5	9,970.9

SHUTDOWNS SCHEDULED OVER NEXT SIX MONTHS (TYPE, DATE, AND DURATION OF EACH).....

Refuel Outage - July 31, 1993 - 59 Days, 4 Hours

IF CURRENTLY SHUTDOWN, ESTIMATED STARTUP DATE.....N/A

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-423

UNIT: MILLSTONE UNIT 3

DATE: June 3, 1993

COMPLETED BY: L. C. Doboe 203-447-1791 x 6076

MONTH May 1993

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	<u>1112</u>	16	<u>1109</u>
2	<u>1039</u>	17	<u>1111</u>
3	<u>1112</u>	18	<u>1109</u>
4	<u>1113</u>	19	<u>1108</u>
5	<u>1109</u>	20	<u>1110</u>
6	<u>1111</u>	21	<u>1108</u>
7	<u>1115</u>	22	<u>1110</u>
8	<u>1111</u>	23	<u>1108</u>
9	<u>1114</u>	24	<u>1109</u>
10	<u>1110</u>	25	<u>1107</u>
11	<u>1113</u>	26	<u>1109</u>
12	<u>1111</u>	27	<u>1109</u>
13	<u>1111</u>	28	<u>1106</u>
14	<u>1104</u>	29	<u>1107</u>
15	<u>1086</u>	30	<u>1107</u>
		31	<u>1106</u>

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-423  
 UNIT: MILLSTONE UNIT 3  
 DATE: June 3, 1993  
 COMPLETED BY: L. C. Doboe  
 TELEPHONE: 203-447-1791 x 6076

Number	Date	Type (1)	Duration (Hours)	Reason (2)	Method of Shutting Down the Reactor (3)	Licensee Event Report Number	System Code (4)	Component Code (5)	Cause and Corrective Action to Prevent Recurrence
None									

1: F: Forced  
 S: Scheduled

2: Reasons:  
 A Equipment Failure (Explain)  
 B Maintenance or Test  
 C Refueling  
 D Regulatory Restriction  
 E Operator Training & License  
 Exam  
 F Administrative  
 G Operational Error (Explain)  
 H Other

3: Method  
 1 Manual  
 2 Manual Scram  
 3 Automatic Scram  
 4 Continued from Previous Month  
 5 Power Reduction  
 (Duration = 0)  
 9 Other (Explain)

4: Table 1 -  
 IEEE Std 805/D5 - 1984

5: Table 2 -  
 IEEE Std 803A - 1983

## REFUELING INFORMATION REQUEST

May 1993

1. Name of facility: Millstone 3
2. Scheduled date for next refueling shutdown: July 31, 1993
3. Scheduled date for restart following refueling: September 28, 1993
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendments?

Yes

5. Scheduled date for submitting licensing action and supporting information.

Submitted March 15, 1993

6. Important licensing considerations associated with refueling, e.g., new or different fuel design or supplier, unreviewed design of performance analysis methods, significant changes in fuel design, new operating procedures:

Millstone Unit 3 current fuel design incorporates a stainless steel skeleton and zircalloy fuel cladding design. Cycle 5 design will incorporate a zirlo skeleton and zirlo fuel cladding on feed assemblies. A Technical Specification change was submitted as per question 5 above.

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

(a): 193      (b): 248

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:

Present size - 756.

No increase requested.

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

End of cycle 5.