

# 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) 865-5000

May 10, 1991  
MP-91-387

Re: 10CFR50.71(a)

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

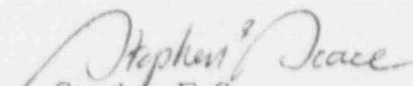
Reference: Facility Operating License No. NPF-49  
Docket No. 50-423

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 91-05 covering operation for the month of April is hereby forwarded.

Very truly yours,

NORTHEAST NUCLEAR ENERGY  
COMPANY

  
Stephen E. Scace  
Director, Millstone Station

Attachment

cc: T.T. Martin, Region I Administrator  
W.J. Raymond, Senior Resident Inspector, Millstone Unit Nos. 1,2 & 3  
D. H. Jaffe, NRC Project Manager, Millstone Unit No. 3

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

1. DOCKET.....50-423  
 2. REPORTING PERIOD...APRIL 1991  
 3. UTILITY CONTACT.....J. W. McConnell (203) 444-5388  
 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

OPERATING STATUS  
 OUTAGE + ONLINE HOURS... 367.7 + 351.3 = 719.0

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 \* MILLSTONE \*  
 \* UNIT 3 \*  
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	MONTH	YEAR TO DATE	CUMULATIVE TO DATE
	=====	=====	=====
12. HOURS IN REPORTING PERIOD	719.0	2,879.0	44,015.0
13. NUMBER OF HOURS THE REACTOR WAS CRITICAL	408.8	1,018.2	34,603.3
14. REACTOR RESERVE SHUTDOWN HOURS	3.1	172.5	1,701.4
15. HOURS GENERATOR ONLINE	351.3	932.8	33,898.3
16. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
17. GROSS THERMAL ENERGY GENERATED (MWH)	959,797.0	2,407,808.0	110,472,620.0
18. GROSS ELECTRICAL ENERGY GENERATED (MWH)	326,242.5	803,160.0	38,112,136.5
19. NET ELECTRICAL ENERGY GENERATED (MWH)	299,002.3	733,686.4	36,307,295.9
20. UNIT SERVICE FACTOR	48.9	32.4	77.0
21. UNIT AVAILABILITY FACTOR	48.9	32.4	77.0
22. UNIT CAPACITY FACTOR (USING MDC NET)	36.6	22.4	72.3
23. UNIT CAPACITY FACTOR (USING DER NET)	36.0	22.1	71.5
24. UNIT FORCED OUTAGE RATE	0.0	16.9	10.0
25. UNIT FORCED OUTAGE HOURS	0.0	189.1	3,767.6

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

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

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-423  
 UNIT MILLSTONE UNIT 3  
 DATE May 6, 1991  
 COMPLETED BY J. McConnell 203-444-5284

MONTH April 1991

DAY	AVERAGE DAILY POWER LEVEL (MWE - NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE - NET)
1	<u>0</u>	16	<u>119</u>
2	<u>0</u>	17	<u>204</u>
3	<u>0</u>	18	<u>274</u>
4	<u>0</u>	19	<u>489</u>
5	<u>0</u>	20	<u>714</u>
6	<u>0</u>	21	<u>972</u>
7	<u>0</u>	22	<u>1065</u>
8	<u>0</u>	23	<u>1133</u>
9	<u>0</u>	24	<u>1134</u>
10	<u>0</u>	25	<u>1131</u>
11	<u>0</u>	26	<u>1149</u>
12	<u>0</u>	27	<u>1125</u>
13	<u>0</u>	28	<u>1100</u>
14	<u>0</u>	29	<u>1143</u>
15	<u>0</u>	30	<u>1143</u>

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-423  
UNIT NAME MILLSTONE 3  
DATE 5-3-91  
COMPLETED BY J. McConnell  
TELEPHONE (203) 444-5284

No.	Date	Type (1)	Dura- tion Hours	Reason (2)	Method of Shut down Reactor(3)	Licensee Event Rept No.	System Code	Component Code	Cause and Corrective Action to Prevent Prevent Recurrence
91-01	4-01-91	S	367.7	C	4	N/A	N/A	N/A	Refuel outage 3 continued from previous month.

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: 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

April 1991

1. Name of facility: Millstone 3.
2. Scheduled date for next refueling shutdown: September 2, 1992
3. Scheduled date for restart following refueling: N/A
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendments?  
N/A
5. Scheduled date for submitting licensing action and supporting information.  
N/A
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:  
Cycle 4 fuel assemblies will be of the Westinghouse Vantage 5H design. This design includes debris filter bottom nozzles, intermediate flow mixing grids, integral fuel rod burnable absorbers, and axial blankets.
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.