

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
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April 8, 1993
MP-93-275

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 93-04 covering operation for the month of March is hereby forwarded

Very truly yours,

NORTHEAST NUCLEAR ENERGY
COMPANY

Stephen E. Scace

Vice President, Millstone Station - NNECO

Attachment

cc: T.T. Martin, Region 1 Administrator
P. Swetland, Senior Resident Inspector, Millstone Unit Nos. 1, 2 & 3
V. L. Rooney, 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...MARCH 1993
 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 *

	MONTH	YEAR TO DATE	CUMULATIVE TO DATE
	=====	=====	=====
12. HOURS IN REPORTING PERIOD	744.0	2,160.0	60,840.0
13. NUMBER OF HOURS THE REACTOR WAS CRITICAL	721.0	2,137.0	45,175.1
14. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	6,466.5
15. HOURS GENERATOR ONLINE	721.0	2,137.0	44,268.0
16. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
17. GROSS THERMAL ENERGY GENERATED (MWH)	2,365,021.0	7,014,209.0	144,204,507.6
18. GROSS ELECTRICAL ENERGY GENERATED (MWH)	808,423.5	2,399,893.5	49,718,132.1
19. NET ELECTRICAL ENERGY GENERATED (MWH)	767,454.2	2,280,470.7	47,267,738.0
20. UNIT SERVICE FACTOR	96.9	98.7	72.8
21. UNIT AVAILABILITY FACTOR	96.9	98.9	72.8
22. UNIT CAPACITY FACTOR (USING MDC NET)	90.7	92.9	68.2
23. UNIT CAPACITY FACTOR (USING DER NET)	89.4	91.5	67.3
24. UNIT FORCED OUTAGE RATE	3.1	1.1	18.1
25. UNIT FORCED OUTAGE HOURS	23.0	23.0	9,755.4

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

Refuel Outage - July 31, 1993 - 70 days

IF CURRENTLY SHUTDOWN, ESTIMATED STARTUP DATE.....April 7, 1993

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-423

UNIT: MILLSTONE UNIT 3

DATE: April 3, 1993

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

MONTH March 1993

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	<u>1109</u>	16	<u>1112</u>
2	<u>1111</u>	17	<u>1116</u>
3	<u>1112</u>	18	<u>1111</u>
4	<u>1110</u>	19	<u>1111</u>
5	<u>1115</u>	20	<u>605</u>
6	<u>1111</u>	21	<u>816</u>
7	<u>1114</u>	22	<u>1110</u>
8	<u>1111</u>	23	<u>1111</u>
9	<u>1113</u>	24	<u>1110</u>
10	<u>1111</u>	25	<u>1118</u>
11	<u>1111</u>	26	<u>1103</u>
12	<u>1113</u>	27	<u>1115</u>
13	<u>1112</u>	28	<u>1107</u>
14	<u>614</u>	29	<u>1114</u>
15	<u>1025</u>	30	<u>1110</u>
		31	<u>15</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-423
 UNIT: MILLSTONE UNIT 3
 DATE: April 6, 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
93-01	930314	F	0	F	5	N/A	KE	SCN	Unit power reduction to 60% due to storm condition impact upon the circulating water intake. Power was reduced in accordance with procedure, based upon weather conditions.
93-02	930320	S	0	B	5	N/A	SJ	P	Unit power reduction to 49% for planned testing of 'Train A' Turbine Driven Feedwater Pump.

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 I - Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-423
 UNIT: MILLSTONE UNIT 3
 DATE: April 6, 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
93-03	930331	F	23	A	3	93-004-00	TG	N/A	Reactor and turbine trip caused by steam generator low low level during a turbine runback. The runback was caused by an unknown failure in the EHC system. The failure did not affect safety systems.

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)
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 (NUREG-0161)
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REFUELING INFORMATION REQUEST

March 1993

1. Name of facility: Millstone 3.
2. Scheduled date for next refueling shutdown: July 31, 1993
3. Scheduled date for restart following refueling: October 9, 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.

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.