

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

Re: 10CFR50.71(a)
March 12, 1991
MP-91-223

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 regulatory requirements of technical specifications Section 6.9.1.5, the Millstone Nuclear Power Station - Unit 3 Monthly Operating Report 91-03 covering operation for the month of February 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
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...FEBRUARY 1991 OUTAGE + ONLINE HOURS...645.4 + 26.6 = 672.0
 3. UTILITY CONTACT.....A. L. ELMS 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

 * MILLSTONE *
 * UNIT 3 *

	MONTH	YEAR TO DATE	CUMULATIVE TO DATE
	00000	0000000000	0000000000000000
12. HOURS IN REPORTING PERIOD	672.0	1,416.0	42,552.0
13. NUMBER OF HOURS THE REACTOR WAS CRITICAL	34.8	609.4	34,194.5
14. REACTOR RESERVE SHUTDOWN HOURS	0.0	169.4	1,698.3
15. RESERVE GENERATOR ONLINE	26.6	581.5	33,547.0
16. RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
17. GROSS THERMAL ENERGY GENERATED (MWH)	63,729.0	1,448,011.0	109,512,823.0
18. GROSS ELECTRICAL ENERGY GENERATED (MWH)	20,431.5	476,917.5	37,785,894.0
19. NET ELECTRICAL ENERGY GENERATED (MWH)	12,843.1	439,296.1	36,012,905.6
20. UNIT SERVICE FACTOR	4.0	41.1	78.8
21. UNIT AVAILABILITY FACTOR	4.0	41.1	78.8
22. UNIT CAPACITY FACTOR (USING MDC NET)	1.7	27.3	74.2
23. UNIT CAPACITY FACTOR (USING DER NET)	1.7	26.9	73.4
24. UNIT FORCED OUTAGE RATE	0.0	24.5	10.1
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.....March 28, 1991

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-423
 UNIT MILLSTONE UNIT 3
 DATE March 11, 1991
 COMPLETED BY A. L. ELMS 203-444-5388

MONTH February 1991

DAY AVERAGE DAILY POWER LEVEL
(MWE - NET)

1	<u>772</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>

DAY AVERAGE DAILY POWER LEVEL
(MWE - NET)

16	<u>0</u>
17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</u>

REFUELING INFORMATION REQUEST

February 1991

1. Name of facility: Millstone 3.
2. Scheduled date for next refueling shutdown: February 1, 1991 (currently in refuel).
3. Scheduled date for restart following refueling: March 28, 1991
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendments?

As a result of the new fuel design, Technical Specifications changes to the Axial Flux Difference, Heat Flux Hot Channel Factor, and Refueling Water Storage Tank sections will be required. Furthermore, the Fuel Storage section of Design Features will be changed to allow continued regionalized storage of spent fuel in the spent fuel pool. Also, the Instrumentation section will be changed to reflect a new High Flux at Shutdown setpoint.

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

All Technical Specification changes submitted.

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-423
UNIT NAME MILLSTONE 3
DATE 3-7-91
COMPLETED BY A. ELMS
TELEPHONE (203) 444-5388

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	2-01-91	S	645.4	C	1	N/A	N/A	N/A	Manually shutdown turbine and reactor to commence refuel outage 3.

- | | | | |
|--------------------------------------|---|---|--|
| <p>1: F: Forced
S: Scheduled</p> | <p>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</p> | <p>3: Method
1-Manual
2-Manual Scram
3-Automatic Scram
4-Continued from
previous month
5-Power Reduction
(Duration = 0)
9-Other (Explain)</p> | <p>4: Exhibit G - Instructions
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER) File
(NUREG-0161)
5: Exhibit 1 - Same Source</p> |
|--------------------------------------|---|---|--|