

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

May 8, 1990
MP-90-466

Re: 10CFR50.71(a)

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

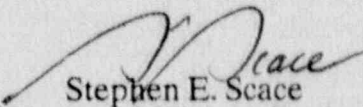
Reference: Facility Operating License No. NPF-49
Docket No. 50-423

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 90-05 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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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-423
 UNIT MILLSTONE UNIT 3
 DATE May 2, 1990
 COMPLETED BY A. L. ELMS 203-444-5388

MONTH April 1990

DAY	AVERAGE DAILY POWER LEVEL (MWE - NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE - NET)
1	<u>0</u>	16	<u>157</u>
2	<u>0</u>	17	<u>0</u>
3	<u>0</u>	18	<u>0</u>
4	<u>0</u>	19	<u>0</u>
5	<u>0</u>	20	<u>0</u>
6	<u>0</u>	21	<u>3</u>
7	<u>0</u>	22	<u>250</u>
8	<u>0</u>	23	<u>252</u>
9	<u>0</u>	24	<u>257</u>
10	<u>0</u>	25	<u>257</u>
11	<u>0</u>	26	<u>258</u>
12	<u>0</u>	27	<u>365</u>
13	<u>0</u>	28	<u>667</u>
14	<u>0</u>	29	<u>1130</u>
15	<u>0</u>	30	<u>1124</u>

REFUELING INFORMATION REQUEST

APRIL 1990

1. Name of facility: Millstone 3.
2. Scheduled date for next refueling shutdown: November 17, 1990.
3. Scheduled date for restart following refueling: Jan. 15, 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.

August 1, 1990.

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 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): 160

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 5-2-90
 COMPLETED BY A. ELMS
 TELEPHONE (203) 444-5388

No.	Date	Type (1)	Duration Hours	Reason (2)	Method of Shut down Reactor(3)	Licensee Event Rept No.	System Code	Component Code	Cause and Corrective Action to Prevent Recurrence
90-04	04/01/90	F	358.2	F	4	90-011	KE	SCN	Turbine and reactor trip High differential level on the intake structure screens caused A and B circulating water pumps to trip. Manually tripped the reactor and turbine in anticipation of low condenser pressure.
90-05	04/16/90	F	127.5	A	1	90-013	KE	SCN	Manual reactor and turbine trip due to loss of condenser vacuum caused by circulating water pump trip. High differential level on the intake screens caused the circulating water pump to trip.

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