

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 EN LRGY COMPANY

> Stephen E. Scace Director, Millstone Station

cace

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

9005160346 900430 PDR ADDCK 05000423 R PDC IE24

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

3. DTILITY CONTACTA. L. ELMS 2 4. LICENSED THERMAL POWER 5. NAMEPLATE RATING (GROSS MWE) 6. DESIGN ELECTRICAL RATING (NET MWE) 7. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) 8. MAXIMUM DEPENDABLE CAPACITY (NET MWE) 9. IF CHANGES OCCUR ABOVE SINCE LAST REPORT, RENAME	MEPLATE RATING (GROSS MME) 1,253 MM ISIGN ELECTRICAL RATING (NET MME) 1,155. IXIMUM DEPENDABLE CAPACITY (GROSS MME) 1,184.2 IXIMUM DEPENDABLE CAPACITY (NET MME) 1,137.0 CHANGES OCCUR ABOVE SINCE LAST REPORT, REASONS ARE I/A WHER LEVEL TO MHICH RESTRICTED, IF ANY (NET MME) N/A					
	MONTH	YEAR TO DATE	CUMULATIVE TO DATE			
		***********	22222222222222222			
12. BOORS IN REPORTING PERIOD	719.0	2,879.0	35,255.0			
13. NUMBER OF HOURS THE REACTOR WAS CRITICAL	274.2	2,320.0	27,995.9			
14. REACTOR RESERVE SHOTDOWN HOURS	444.8	559.0	1,282.9			
15. HOURS GENERATOR ONLINE	233.3	2,259.7	27,424.7			
16. UNIT RESERVE SHOTDOWN HOURS	0.0	0.0	0.0			
17. GROSS THERMAL ENERGY GENERATED (MNH)	403,469.0	7,106,337.0	90,381,746.4			
18. GROSS BLECTRICAL ENERGY GENERATED (MWH)	125,571.0	2,450,823.0	31,133,463.0			
19. NET ELECTRICAL ENERGY GENERATED (NMH)	96,791.9	2,317,019.4	29,672,388.1			
20. UNIT SERVICE FACTOR	32.4	78.5	77.8			
21. UNIT AVAILABILITY FACTOR	32.4	78.5	77.8			
22. DRIT CAPACITY FACTOR (USING MDC NET)	11.8	70.8	73.7			
23. UNIT CAPACITY FACTOR (USING DER NET)	11.7	69.8	73.0			
24. UNIT FORCED OUTAGE RATE	67.6	21.5	10.6			
25. UNIT FORCED OUTAGE HOURS	485.7	619.3	3,256.8			
SHOTDOWNS SCHEDULED OTER NEXT SIX MONTHS (TYPE, N/A IF CUBRENTLY SHUTDOWN, ESTIMATED STARTOP DATE		F BACH),				

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	0	16	157		
2	0	17	0		
3	0	18	0		
4	0	19	0		
5	0	20	0		
6	0	21	3		
7	0	22	250		
8	0	23	252		
9	0	24	257		
10	0	25	257		
11	0	26	258		
12	0	27	365		
13	0	28	667		
14	0	29	1130		
15	0	30	1124		

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 of 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): 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.

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 SHUTLOWNS AMD 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)	Dura- tion Hours	Reason (2)	Method of Shut down Peactor(3)	Licensee Event Rept No.	System	Component Code	Cause and Corrective Action to Prevent Prevent Recurrence
90-04	04/01/90	F	353.2	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 tur- bine trip due to loss of contenser vacuum caused by curculating water pump trip. High differen- tial level on the intake screens caused the cir- culating water pump to trip.

1: F: Forced S: Scheduled

2: Reasons:

A-Equipment Failure (Explain)

E-Maintenance or Test C-Refueling

D-Regulatory Restriction E-Operator Training & License Exam F-Administrative

G-Operational Error (Explain)

3: Method 1-Manual

2-Manual Scram 3-Automatic Scram 4-Continued from

(Duration = 0)

9-Other (Explain)

4: Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0151)

previous month 5-Power Reduction 5: Exhibit 1 - Same Source