

11.21.04  
Dominion Nuclear Connecticut, Inc.  
Millstone Power Station  
Rope Ferry Road  
Waterford, CT 06385



**Dominion**

APR 14 2004

U.S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555

Serial No. 04-235  
MPS Lic/web R0  
Docket Nos. 50-336  
50-423  
License Nos. DPR-65  
NPF-49

**DOMINION NUCLEAR CONNECTICUT, INC.**  
**MILLSTONE POWER STATION UNITS 2 AND 3**  
**MARCH 2004 MONTHLY OPERATING REPORT**

In accordance with the reporting requirements of Technical Specification 6.9.1.7 for Millstone Unit 2, and Technical Specification 6.9.1.5 for Millstone Unit 3, enclosed are the Monthly Operating Reports for the month of March 2004. Attachment 1 contains the Millstone Unit 2 Monthly Operating Report and Attachment 2 contains the Millstone Unit 3 Monthly Operating Report.

If you should have any questions regarding this submittal, please contact Mr. David W. Dodson at (860) 447-1791, extension 2346.

Very truly yours,

Stephen P. Sarver, Director  
Nuclear Station Operations and Maintenance

JE24

Attachments: 2

Commitments made in this letter: None.

cc: U.S. Nuclear Regulatory Commission  
Region I  
475 Allendale Road  
King of Prussia, PA 19406-1415

Mr. V. Nerses  
Senior Project Manager  
U.S. Nuclear Regulatory Commission  
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Mr. S. M. Schneider  
NRC Senior Resident Inspector  
Millstone Power Station

**Attachment 1**

**March 2004 Monthly Operating Report for Millstone Unit 2**

**Millstone Power Station Units 2 and 3  
Dominion Nuclear Connecticut, Inc. (DNC)**

## OPERATING DATA REPORT

DOCKET NO.	<u>50-336</u>
UNIT NAME	<u>Millstone Unit No. 2</u>
DATE	<u>04/01/2004</u>
COMPLETED BY	<u>S. Stark</u>
TELEPHONE	<u>(860) 447-1791</u>
EXTENSION	<u>4419</u>

<b>OPERATING STATUS</b>			
1.	Unit Name:	Millstone Unit No. 2	
2.	Reporting Period:	March 2004	
3.	Licensed Thermal Power (MWt):	2700.0	
4.	Design Electrical Rating (Net MWe):	883.5	
5.	Maximum Dependable Capacity (Net MWe)	877.7	
6.	If Changes Occur in Capacity Ratings (Items Number 3 through 5) Since Last Report, Give Reasons:	N/A	
		This Month	Year-to-Date
		Cumulative	
7.	Number of Hours Reactor Was Critical	668.5	2108.5
8.	Hours Generator On-Line	637.9	**2077.9
9.	Unit Reserve Shutdown Hours	0.0	0.0
10.	Net Electrical Energy Generated (MWH)	541547.6	1817501.3
		126695077.1	

\*\*Item 8 in the February 2004 Year- to- Date Hours Generator On-Line did not update correctly. Hours for Year-to-Date Hours Generator On-Line in February is 1440. The Cumulative Hours were not affected.

### OPERATING SUMMARY

The unit continued 100% power operation. On March 5, 2004, the unit reduced power to 90% to perform main turbine control valve testing. The unit completed control valve testing and returned to 100% power at 1925 hours on March 5, 2004. The reactor was manually tripped at 0049 hours on March 6, 2004 due to the spurious actuation of an electrical relay tripping the "B" main feedwater pump. The electrical relay was replaced and control system software modified to reduce the probability of a spurious relay actuation tripping the feedwater pump. The reactor was restarted at 1159 hours on March 7, 2004. The generator was connected to the grid at 1417 hours on March 7, 2004. The unit returned to and held at 98% to perform scheduled maintenance on the "C" circulating water bay. The unit completed bay maintenance and return to 100% power at 0330 hours on March 13, 2004. An automatic reactor trip occurred at 2020 hours on March 15, 2004 during testing of the "B" main feedwater pump emergency governor and trip lockout exerciser. The "B" main feedwater pump tripped when the trip lockout handswitch was inadvertently moved out of the lockout position. The reactor was restarted at 1240 hours on March 17, 2004. The generator was connected to the grid at 1659 hours on March 17, 2004. The unit reached 100% power at approximately 0130 hours on March 19, 2004. The unit continued 100% power operation for the remainder of the month.

## UNIT SHUTDOWNS

DOCKET NO. 50-336  
 UNIT NAME Millstone Unit No. 2  
 DATE 04/01/2004  
 COMPLETED BY S. Stark  
 TELEPHONE (860) 447-1791  
 EXTENSION 4419

REPORTING MONTH: March 2004

NO.	DATE	TYPE <sup>1</sup>	DURATION (HOURS)	REASON <sup>2</sup>	METHOD OF SHUTTING DOWN REACTOR <sup>3</sup>	CAUSE / CORRECTIVE ACTIONS COMMENTS	
04-01	03/06/04	F	61.5	A	2	Spurious actuation of an electrical relay tripping the "B" main feedwater pump. The electrical relay was replaced and control system software modified to reduce the probability of a spurious relay actuation tripping the feedwater pump.	
04-02	03/15/2004	F	44.6	H	3	During testing of the "B" main feedwater pump emergency governor and trip lockout exerciser. The "B" main feedwater pump tripped when the trip lockout handswitch was inadvertently moved out of the lockout position. The switch is manually held in the lockout position and the design is such that only a slight movement of the switch is necessary to open the switch contacts. Corrective actions are to determine if the testing is necessary and evaluate replacement of the handswitch with a position-maintained or key-lock switch.	
<sup>1</sup> F: Forced S: Scheduled		<sup>2</sup> Reason: A - Equipment Failure (Explain) B - Maintenance or Test C - Refueling D - Regulatory Restriction E - Operator Training / License Examination F - Administrative G - Operational Error (Explain) H - Other (Explain)			<sup>3</sup> Method: 1 - Manual 2 - Manual Trip 3 - Automatic Trip 4 - Continued from previous month 5 - Other (Explain)		

**Attachment 2**

**March 2004 Monthly Operating Report for Millstone Unit 3**

**Millstone Power Station Units 2 and 3  
Dominion Nuclear Connecticut, Inc. (DNC)**

## OPERATING DATA REPORT

DOCKET NO.	<u>50-423</u>
UNIT NAME	<u>Millstone Unit No. 3</u>
DATE	<u>04/01/2004</u>
COMPLETED BY	<u>K. Cook</u>
TELEPHONE	<u>(860) 447-1791</u>
EXTENSION	<u>6572</u>

<u>OPERATING STATUS</u>			
1.	Unit Name:	Millstone Unit No. 3	
2.	Reporting Period:	MARCH 2004	
3.	Licensed Thermal Power (MWt):	3411.0	
4.	Design Electrical Rating (Net MWe):	1153.6	
5.	Maximum Dependable Capacity (Net MWe)	1130.5	
6.	If Changes Occur in Capacity Ratings (Items Number 3 through 5) Since Last Report, Give Reasons:	N/A	
		This Month	Year-to-Date
7.	Number of Hours Reactor Was Critical	744	2184.0
8.	Hours Generator On-Line	744	2184.0
9.	Unit Reserve Shutdown Hours	0.0	0.0
10.	Net Electrical Energy Generated (MWH)	819080.4	2481977.8
			Cumulative
			113288.7
			111559.1
			0.0
			122329182.1

### OPERATING SUMMARY

The unit operated at 100% power throughout the month until March 10 when a power coastdown to approximately 85% for refueling outage 3R9 was started. The refueling outage began on April 3, 2004.

## UNIT SHUTDOWNS

DOCKET NO. 50-423  
 UNIT NAME Millstone Unit No. 3  
 DATE 04/01/04  
 COMPLETED BY K. Cook  
 TELEPHONE (860) 447-1791  
 EXTENSION 6572

REPORTING MONTH: MARCH 2004

NO.	DATE	TYPE <sup>1</sup>	DURATION (HOURS)	REASON <sup>2</sup>	METHOD OF SHUTTING DOWN REACTOR <sup>3</sup>	CAUSE / CORRECTIVE ACTIONS COMMENTS	
						There were no unit shutdowns in March 2004.	
<sup>1</sup> F: Forced S: Scheduled		<sup>2</sup> Reason: A - Equipment Failure (Explain) B - Maintenance or Test C - Refueling D - Regulatory Restriction E - Operator Training / License Examination F - Administrative G - Operational Error (Explain) H - Other (Explain)			<sup>3</sup> Method: 1 - Manual 2 - Manual Trip 3 - Automatic Trip 4 - Continued from previous month 5 - Other (Explain)		