

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



Dominion

JAN 13 2005

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

Serial No. 05-006
MPS Lic/BAK R0
Docket Nos. 50-336
50-423
License Nos. DPR-65
NPF-49

DOMINION NUCLEAR CONNECTICUT, INC.
MILLSTONE POWER STATION UNITS 2 AND 3
DECEMBER 2004 MONTHLY OPERATING REPORTS

In accordance with the reporting requirements of Technical Specification 6.9.1.7 for the Millstone Power Station Unit 2 (MPS2), and Technical Specification 6.9.1.5 for the Millstone Power Station Unit 3 (MPS3), attached are the Monthly Operating Reports for the month of December 2004. Attachment 1 contains the MPS2 Monthly Operating Report and Attachment 2 contains the MPS3 Monthly Operating Report.

If you have any questions or require additional information, please contact Mr. David W. Dodson at (860) 447-1791, extension 2346.

Very truly yours,

Stephen P. Sarver, Director
Nuclear Station Operations and Maintenance

IE24

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
One White Flint North
11555 Rockville Pike
Mail Stop 8C2
Rockville, MD 20852-2738

Mr. G. F. Wunder
Project Manager
U.S. Nuclear Regulatory Commission
One White Flint North
11555 Rockville Pike
Mail Stop 08-B-1A
Rockville, MD 20852-2738

Mr. S. M. Schneider
NRC Senior Resident Inspector
Millstone Power Station

Serial No. 05-006
December 2004 Monthly Operating Report
Docket No.50-336
50-423

Attachment 1

**December 2004 Monthly Operating Report for
Millstone Power Station Unit 2 (MPS2)**

**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 2</u>
DATE	<u>01/05/2005</u>
COMPLETED BY	<u>S. Claffey</u>
TELEPHONE	<u>(860) 447-1791</u>
EXTENSION	<u>2456</u>

<u>OPERATING STATUS</u>			
1.	Unit Name:	Millstone Unit No. 2	
2.	Reporting Period:	December 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
7.	Number of Hours Reactor Was Critical	744.0	8708.5
8.	Hours Generator On-Line	744.0	8677.9
9.	Unit Reserve Shutdown Hours	0.0	0.0
10.	Net Electrical Energy Generated (MWH)	658666.0	7596036.9
			Cumulative
			166734.8
			160913.7
			468.2
			132473612.7

OPERATING SUMMARY

Millstone Unit 2 operated at or near 100% power during December 2004, with the exception of a planned down power to 96% power on December 17, 2004 in order to perform quarterly main turbine control valve stroke testing.

UNIT SHUTDOWNS

DOCKET NO. 50-336
 UNIT NAME Millstone 2
 DATE 01/05/2005
 COMPLETED BY S. Claffey
 TELEPHONE (860) 447-1791
 EXTENSION 2456

REPORTING MONTH: DECEMBER 2004

NO.	DATE	TYPE ¹	DURATION (HOURS)	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	CAUSE / CORRECTIVE ACTIONS COMMENTS
N/A						There was no unit shutdown in December 2004.
¹ F: Forced S: Scheduled		² 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)		³ Method: 1 - Manual 2 - Manual Trip 3 - Automatic Trip 4 - Continued from previous month 5 - Other (Explain)		

Serial No. 05-006
December 2004 Monthly Operating Report
Docket No.50-336
50-423

Attachment 2

**December 2004 Monthly Operating Report for
Millstone Power Station Unit 3 (MPS3)**

**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 3</u>
DATE	<u>01/07/05</u>
COMPLETED BY	<u>R. Borchert</u>
TELEPHONE	<u>(860) 447-1791</u>
EXTENSION	<u>4418</u>

OPERATING STATUS			
1.	Unit Name:	Millstone Unit No. 3	
2.	Reporting Period:	December 2004	
3.	Licensed Thermal Power (MWt):	3411.0	
4.	Design Electrical Rating (Net MWe):	1156.5	
5.	Maximum Dependable Capacity (Net MWe):	1148.0	
6.	If Changes Occur in Capacity Ratings (Items Number 3 through 5) Since Last Report, Give Reasons:	Design Electrical Rating increased from 1153.6 MWe to 1156.5 MWe due to replacement of main turbine low pressure rotors	
		This Month	Year-to-Date
7.	Number of Hours Reactor Was Critical	744.0	7980.9
8.	Hours Generator On-Line	744.0	7905.6
9.	Unit Reserve Shutdown Hours	0.0	0.0
10.	Net Electrical Energy Generated (MWH)	859807.5	8983697.6
			Cumulative
			119085.6
			117280.7
			0.0
			128830901.9

OPERATING SUMMARY
<p>Millstone Unit 3 performed a rapid downpower from 100% to 75% power at 1256 hours on December 1, 2004 due to problems with the circulating water screen wash system that caused a circulating water pump to trip. Plant power was returned to 100% at 0330 hours on December 2, 2004. The unit operated at or near 100% power for the remainder of December 2004.</p>

UNIT SHUTDOWNS

DOCKET NO. 50-423
 UNIT NAME Millstone 3
 DATE 01/07/05
 COMPLETED BY R. Borchert
 TELEPHONE (860) 447-1791
 EXTENSION 4418

REPORTING MONTH: DECEMBER 2004

NO.	DATE	TYPE ¹	DURATION (HOURS)	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	CAUSE / CORRECTIVE ACTIONS COMMENTS
N/A						There was no unit shutdown in December 2004
¹ F: Forced S: Scheduled		² 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)		³ Method: 1 - Manual 2 - Manual Trip 3 - Automatic Trip 4 - Continued from previous month 5 - Other (Explain)		