

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



Dominion

MAY 11 2005

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

Serial No. 05-291
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
APRIL 2005 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 April 2005. 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
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Mr. S. M. Schneider
NRC Senior Resident Inspector
Millstone Power Station

Attachment 1

**April 2005 Monthly Operating Report for
Millstone Power Station Unit 2 (MPS2)**

**Millstone Power Station Unit 2
Dominion Nuclear Connecticut, Inc. (DNC)**

OPERATING DATA REPORT

DOCKET NO.	<u>50-336</u>
UNIT NAME	<u>Millstone 2</u>
DATE	<u>05/02/2005</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:	April 2005	
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	191.4	2351.4
8.	Hours Generator On-Line	191.3	2351.3
9.	Unit Reserve Shutdown Hours	0.0	0.0
10.	Net Electrical Energy Generated (MWH)	160537.6	2068241.0
			Cumulative
			169086.2
			163265.0
			468.2
			134541853.7

OPERATING SUMMARY

The unit operated at or near 100% power for the month of April except for a downpower to 85% on April 7th to perform Simmer Testing of Main Steam Safety Valves prior to shutting down the unit on April 9th for Refueling Outage 16.

UNIT SHUTDOWNS

DOCKET NO. 50-336
 UNIT NAME Millstone 2
 DATE 05/02/2005
 COMPLETED BY S. Claffey
 TELEPHONE (860) 447-1791
 EXTENSION 2456

REPORTING MONTH: APRIL 2005

{PRIVATE }NO.	DATE	TYPE ¹	DURATION (HOURS)	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	CAUSE / CORRECTIVE ACTIONS COMMENTS	
05-01	04/09/2005	S	527.7	C	1	Shutdown for Refueling Outage 16.	
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)		

Attachment 2

**April 2005 Monthly Operating Report for
Millstone Power Station Unit 3 (MPS3)**

**Millstone Power Station Unit 3
Dominion Nuclear Connecticut, Inc. (DNC)**

OPERATING DATA REPORT

DOCKET NO. 50-423
 UNIT NAME Millstone 3
 DATE 05/01/05
 COMPLETED BY K. Cook
 TELEPHONE (860) 447-1791
 EXTENSION 6572

<u>OPERATING STATUS</u>			
1.	Unit Name:	Millstone Unit No. 3	
2.	Reporting Period:	April 2005	
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:	N/A	
		This Month	Year-to-Date
7.	Number of Hours Reactor Was Critical	411.9	2571.9
8.	Hours Generator On-Line	402.3	2562.3
9.	Unit Reserve Shutdown Hours	0.0	0.0
10.	Net Electrical Energy Generated (MWH)	456236.3	2961522.6
			Cumulative
			121657.5
			119843.0
			0.0
			131792424.5

OPERATING SUMMARY

Millstone Unit 3 operated at or near 100% power until 0829 hours on April 17, 2005 when an automatic reactor trip occurred due to a failed logic card on the solid state protection system. The reactor was taken critical at 0335 hours and the generator was phased to the grid at 1313 hours on April 30, 2005.

Serial No. 05-291

UNIT SHUTDOWNS

DOCKET NO. 50-423
 UNIT NAME Millstone 3
 DATE 05/01/05
 COMPLETED BY K. Cook
 TELEPHONE (860) 447-1791
 EXTENSION 6572

REPORTING MONTH: APRIL 2005

{PRIVATE)NO.	DATE	TYPE ¹	DURATION (HOURS)	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	CAUSE / CORRECTIVE ACTIONS COMMENTS	
05-01	4/17/05	F	316.7	A	3	The plant had an automatic reactor trip due to a failed logic card in the SSPS system. The faulty card was replaced and other components were checked for similar conditions.	
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)		