

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



APR 11 2001

Docket Nos. 50-336  
50-423  
B18386

RE: 10 CFR 50.71(a)

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

Millstone Nuclear Power Station, Unit Nos. 2 and 3  
Facility Operating License Nos. DPR-65 and NPF-49  
Monthly Operating Reports

In accordance with the reporting requirements of Technical Specification 6.9.1.7 for Millstone Unit No. 2 and Technical Specification 6.9.1.5 for Millstone Unit No. 3, enclosed are the Monthly Operating Reports for the month of March 2001. Attachment 1 contains the Millstone Unit No. 2 Monthly Operating Report and Attachment 2 contains the Millstone Unit No. 3 Monthly Operating Report.

There are no regulatory commitments contained within this letter.

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

Very truly yours,

DOMINION NUCLEAR CONNECTICUT, INC

FOR: C. J. Schwarz  
Master Process Owner - Operate the Asset

BY:   
Daniel A. Hagan  
Process Owner - Operations MP2

cc: See next page

JE24

Attachments (2)

cc: H. J. Miller, Region I Administrator  
D. S. Collins, NRC Project Manager, Millstone Unit No. 2  
S. R. Jones, Senior Resident Inspector, Millstone Unit No. 2  
V. Nerses, NRC Senior Project Manager, Millstone Unit No. 3  
A. C. Cerne, Senior Resident Inspector, Millstone Unit No. 3

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**Attachment 1**

**Millstone Nuclear Power Station, Unit No. 2**

**Facility Operating License No. DPR-65**  
**Monthly Operating Report**  
**March 2001**

## OPERATING DATA REPORT

DOCKET NO.	<u>50-336</u>
UNIT NAME	<u>Millstone 2</u>
DATE	<u>04/02/2001</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 2001		
3.	Licensed Thermal Power (MWt):	2700.0		
4.	Design Electrical Rating (Net MWe):	870.0		
5.	Maximum Dependable Capacity (Net MWe)	874.975		
6.	If Changes Occur in Capacity Ratings (Items Number 3 through 5) Since Last Report, Give Reasons:	Revised Maximum Dependable Capacity based on latest Seasonal Claimed Capability (Winter) results. Effective March 14, 2001.		
		This Month	Year-to-Date	Cumulative
7.	Number of Hours Reactor Was Critical	744.0	2160.0	136970.0
8.	Hours Generator On-Line	744.0	2160.0	131438.0
9.	Unit Reserve Shutdown Hours	0.0	0.0	468.2
10.	Net Electrical Energy Generated (MWH)	640842.0	1878871.5	107151667.2

### OPERATING SUMMARY

- A downpower to 92% power was performed on March 4, 2001, due to a failure of the plant process computer. The plant process computer is used for Technical Specification monitoring of core power distribution parameters.
- A downpower to 95% power was performed on March 9, 2001, due to a steam leak on a level trap on the 1A feedwater heater. A subsequent heater level transient caused extraction steam to be isolated to the 3A and 3B feedwater heaters.
- A scheduled downpower to 90% power was performed on March 17, 2001, for monthly main turbine control valve testing.
- A forced downpower to 55% power was performed on March 21, 2001, due to a failure of the "A" Steam Generator Feed Pump trip test relay to reset. The defective circuitry was replaced and power increased to 100%.

# UNIT SHUTDOWNS

DOCKET NO. 50-336  
UNIT NAME Millstone 2  
DATE 04/02/2001  
COMPLETED BY S. Stark  
TELEPHONE (860) 447-1791  
EXTENSION 4419

REPORTING MONTH: MARCH 2001

NO.	DATE	TYPE <sup>1</sup>	DURATION (HOURS)	REASON <sup>2</sup>	METHOD OF SHUTTING DOWN REACTOR <sup>3</sup>	CAUSE / CORRECTIVE ACTIONS COMMENTS
						No reactor shutdowns occurred in March 2001.
<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)	

REFUELING INFORMATION REQUEST

1. Name of the facility: Millstone Unit 2
2. Scheduled date for next refueling outage: February 2002
3. Scheduled date for restart following refueling: March 2002
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?  
Yes. Four (4) technical specification changes have been identified at this time.
5. Scheduled date(s) for submitting licensing action and supporting information:  
All four technical specification changes will be submitted by April 30, 2001.
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:  
None identified at this time.
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:  
In Core: (a) 217 In Spent Fuel Pool: (b) 940

NOTE: These numbers represent the total Fuel Assemblies and Consolidated Fuel Storage Boxes (3 total containing the fuel rods from 6 fuel assemblies) in these two (2) Item Control Areas.

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 storage capacity: 1306 storage locations.
9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming present license capacity:  
The refueling outage scheduled for 2002 is the last outage which can be performed without losing full core discharge capability, recognizing that there are constraints on utilizing certain cell locations as storage locations. The outage scheduled for 2006 is the last outage which can accommodate a reload discharge, assuming the present licensed capacity of the spent fuel pool and recognizing that there are constraints on utilizing certain cell locations as storage locations.

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Attachment 2

Millstone Nuclear Power Station, Unit No. 3

Facility Operating License No. NPF-49  
Monthly Operating Report  
March 2001

**OPERATING DATA REPORT**

DOCKET NO.	<u>50-423</u>
UNIT NAME	<u>Millstone 3</u>
DATE	<u>04/01/2001</u>
COMPLETED BY	<u>K. Emmons</u>
TELEPHONE	<u>(860) 447-1791</u>
EXTENSION	<u>6572</u>

<b>OPERATING STATUS</b>				
1.	Unit Name:	Millstone Unit No. 3		
2.	Reporting Period:	MARCH 2001		
3.	Licensed Thermal Power (MWt):	3411.0		
4.	Design Electrical Rating (Net MWe):	1153.6		
5.	Maximum Dependable Capacity (Net MWe)	1154.0		
6.	If Changes Occur in Capacity Ratings (Items Number 3 through 5) Since Last Report, Give Reasons:	Not Applicable		
		This Month	Year-to-Date	Cumulative
7.	Number of Hours Reactor Was Critical	70.4	866.1	87799.1
8.	Hours Generator On-Line	19.5	812.0	86241.5
9.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
10.	Net Electrical Energy Generated (MWH)	0.0	750946.2	93676554.0

**OPERATING SUMMARY**

The unit ended Refueling Outage 3R7 on March 31, 2001, at 0429 hours.

# UNIT SHUTDOWNS

DOCKET NO. 50-423  
UNIT NAME Millstone 3  
DATE 04/01/2001  
COMPLETED BY K. Emmons  
TELEPHONE (860) 447-1791  
EXTENSION 6572

REPORTING MONTH: MARCH 2001

NO.	DATE	TYPE <sup>1</sup>	DURATION (HOURS)	REASON <sup>2</sup>	METHOD OF SHUTTING DOWN REACTOR <sup>3</sup>	CAUSE / CORRECTIVE ACTIONS COMMENTS
01-01	3/1/01	S	724.5	C	4	The unit continued Refueling Outage 3R7 until March 31, 2001, at 0429 hours.
<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)	

REFUELING INFORMATION REQUEST

1. Name of the facility: Millstone Unit 3
2. Scheduled date for next refueling outage: September 2002
3. Scheduled date for restart following refueling: November 2002
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?  
Not applicable at this time.
5. Scheduled date(s) for submitting licensing action and supporting information:  
Not applicable at this time.
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:  
None identified at this time.
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:  
In Core: (a) 193 In Spent Fuel Pool: (b) 573
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 storage capacity: 1860 storage locations.
9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming present license capacity:  
End of Plant Life.