

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



**Dominion<sup>SM</sup>**

AUG 13 2001

Docket Nos. 50-336

50-423

B18463

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 July 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.

C. J. Schwarz

Master Process Owner - Operate the Asset

Attachments (2)

cc: H. J. Miller, Region I Administrator  
J. T. Harrison, NRC Project Manager, Millstone Unit No. 2  
NRC Senior Resident Inspector, Millstone Unit No. 2  
V. Nerses, NRC Senior Project Manager, Millstone Unit No. 3  
NRC Senior Resident Inspector, Millstone Unit No. 3

IE24

Docket Nos. 50-336  
50-423  
B18463

**Attachment 1**

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

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

## OPERATING DATA REPORT

DOCKET NO.	50-336
UNIT NAME	Millstone 2
DATE	08/01/2001
COMPLETED BY	S. Stark
TELEPHONE	(860) 447-1791
EXTENSION	4419

OPERATING STATUS				
1.	Unit Name:	Millstone Unit No. 2		
2.	Reporting Period:	July 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:	Not Applicable		
		This Month	Year-to-Date	Cumulative
7.	Number of Hours Reactor Was Critical	744.0	4983.1	139793.1
8.	Hours Generator On-Line	744.0	4915.0	134193.0
9.	Unit Reserve Shutdown Hours	0.0	0.0	468.2
10.	Net Electrical Energy Generated (MWH)	634860.0	4212565.5	109485361.2

### OPERATING SUMMARY

The Unit operated at or near 100% power throughout July 2001 with the following exceptions:

- Power levels remained between 92% to 98% on July 11, 2001, through July 13, 2001, to support maintenance on the "B" circulating water system.
- A downpower to 70% power was performed July 28, 2001, for condenser backwashing.

### UNIT SHUTDOWNS

DOCKET NO. 50-336  
UNIT NAME Millstone 2  
DATE 08/01/2001  
COMPLETED BY S. Stark  
TELEPHONE (860) 447-1791  
EXTENSION 4419

REPORTING MONTH: JULY 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 July 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. Five (5) technical specification changes have been identified at this time.
5. Scheduled date(s) for submitting licensing action and supporting information:  
All five (5) technical specification changes have been submitted.
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.

Docket Nos. 50-336  
50-423  
B18463

**Attachment 2**

**Millstone Nuclear Power Station, Unit No. 3**

**Facility Operating License No. NPF-49**  
**Monthly Operating Report**  
**July 2001**

## OPERATING DATA REPORT

DOCKET NO.	<u>50-423</u>
UNIT NAME	<u>Millstone 3</u>
DATE	<u>08/01/2001</u>
COMPLETED BY	<u>K. Cook</u>
TELEPHONE	<u>(860) 447-1791</u>
EXTENSION	<u>6572</u>

OPERATING STATUS				
1.	Unit Name:	Millstone Unit No. 3		
2.	Reporting Period:	July 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	744.0	3793.1	90726.1
8.	Hours Generator On-Line	744.0	3739.0	89168.5
9.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
10.	Net Electrical Energy Generated (MWH)	833766.6	4040269.6	96965877.4

### OPERATING SUMMARY

The unit ran at 100% power until July 10, 2001, at 1607 hours, when a downpower was commenced due to both containment air lock doors being declared inoperable. The downpower was stopped at 1858 hours at a power level of 41% power. The doors were fixed and leakrate test results were acceptable. The plant returned to 100% power at 1830 hours on July 11, 2001, and remained there throughout the rest of July 2001.

# UNIT SHUTDOWNS

DOCKET NO. 50-423  
UNIT NAME Millstone 3  
DATE 08/01/2001  
COMPLETED BY K. Cook  
TELEPHONE (860) 447-1791  
EXTENSION 6572

REPORTING MONTH: JULY 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
						There were no unit shutdowns in July 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 3
2. Scheduled date for next refueling outage: September 2002
3. Scheduled date for restart following refueling: October 2002
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?  
Three (3) technical specification changes have been identified at this time.
5. Scheduled date(s) for submitting licensing action and supporting information:  
All three (3) items will be submitted to the NRC by September 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) 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.