

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



MAY 14 2001

Docket Nos. 50-336  
50-423  
B18409

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 April 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  
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  
April 2001

### OPERATING DATA REPORT

DOCKET NO.	<u>50-336</u>
UNIT NAME	<u>Millstone 2</u>
DATE	<u>05/02/2001</u>
COMPLETED BY	<u>S. Stark</u>
TELEPHONE	<u>(860) 447-1791</u>
EXTENSION	<u>4419</u>

OPERATING STATUS				
1.	Unit Name:	Millstone Unit No. 2		
2.	Reporting Period:	April 2001		
3.	Licensed Thermal Power (MWtc):	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	682.5	2842.5	137652.5
8.	Hours Generator On-Line	682.5	2842.5	132120.5
9.	Unit Reserve Shutdown Hours	0.0	0.0	468.2
10.	Net Electrical Energy Generated (MWH)	584449.6	2463321.1	107736116.8

#### OPERATING SUMMARY

A downpower to 95% was performed to support circulating water pump maintenance on April 9, 2001. The unit remained between 95% and 98% for the remainder of the month, with the exception of a downpower to 90% on April 22, for turbine control valve testing for approximately 12 hours. The reactor tripped on April 29, 2001, due to a turbine generator trip caused by high condenser backpressure.

## UNIT SHUTDOWNS

DOCKET NO.	<u>50-336</u>
UNIT NAME	<u>Millstone 2</u>
DATE	<u>05/02/2001</u>
COMPLETED BY	<u>S. Stark</u>
TELEPHONE	<u>(860) 447-1791</u>
EXTENSION	<u>4419</u>

REPORTING MONTH: APRIL 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
00-01	04/29/01	F	37.5	G	3	Automatic reactor trip due to main turbine trip. Turbine trip was caused by high condenser backpressure. High condenser backpressure was caused by tripping of the "C" circulating water pump during maintenance restoration of the "D" circulating water pump.
<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 (4) 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.

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Attachment 2

Millstone Nuclear Power Station, Unit No. 3

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

### OPERATING DATA REPORT

DOCKET NO.	<u>50-423</u>
UNIT NAME	<u>Millstone 3</u>
DATE	<u>05/01/2001</u>
COMPLETED BY	<u>K. Emmons</u>
TELEPHONE	<u>(860) 447-1791</u>
EXTENSION	<u>6572</u>

OPERATING STATUS				
1.	Unit Name:	Millstone Unit No. 3		
2.	Reporting Period:	April 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	719.0	1585.1	88518.1
8.	Hours Generator On-Line	719.0	1531	86960.5
9.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
10.	Net Electrical Energy Generated (MWH)	784633.5	1535579.7	94461187.5

#### OPERATING SUMMARY

The unit continued power ascension testing following Refueling Outage 3R7 during the beginning of April. Full power operation was reached on April 4, 2001, at 0240 hours.

## UNIT SHUTDOWNS

DOCKET NO.	<u>50-423</u>
UNIT NAME	<u>Millstone 3</u>
DATE	<u>05/01/2001</u>
COMPLETED BY	<u>K. Emmons</u>
TELEPHONE	<u>(860) 447-1791</u>
EXTENSION	<u>6572</u>

REPORTING MONTH: APRIL 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 reportable power reductions during the month of April 2001. The unit continued with power ascension testing during the beginning of April and reached full power operation on April 4, 2001, at 0240 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: October 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.