

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



**Dominion™**

FEB 28 2003

Docket Nos. 50-245  
50-336  
50-423  
B18842

RE: 10 CFR 26.71(d)

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

Millstone Power Station, Unit Nos. 1, 2 and 3  
Semi-Annual Fitness-for-Duty Performance Data  
July 2002 through December 2002

Dominion Nuclear Connecticut, Inc. (DNC), submits the semi-annual Fitness-for-Duty performance data for Millstone Power Station, Unit Nos. 1, 2 and 3, in accordance with the provisions of 10 CFR 26.71(d), for the reporting period July 1, 2002, through December 31, 2002.

The provisions of 10 CFR 26.71(d) require power reactor licensees to "collect and compile fitness-for-duty program performance data on a standard form and submit this data to the Commission within 60 days of the end of each 6-month reporting period (January - June and July - December)." Accordingly, Attachments 1 and 2 contain fitness-for-duty program performance data for July 2002 through December 2002 for the Millstone Power Station, Unit Nos. 1, 2 and 3.

The following data is included as required by regulation: random testing rate; drugs tested for and cutoff levels, including results of tests using lower cut-off levels and tests for other drugs; work force populations tested; numbers of tests and results by population and type of test (e.g., pre-access, random, for-cause, etc.); substances identified; summary of management actions; and a list of events reported. Attachment 1 to this letter contains an explanation of the performance data form, a summary of the performance data, a summary of management actions, and significant fitness-for-duty events. Attachment 2 is a compilation of the data collected at Millstone Station.

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The drug and alcohol testing data for this testing period has been analyzed and any necessary corrective actions taken. Supporting information is on file at the Millstone Power Station.

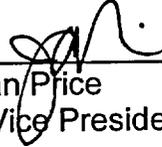
Also included with this submittal, as Attachment 3, is data collected by Westinghouse Electric who conducts pre-access drug and alcohol testing for individuals requiring unescorted access to the Millstone Power Station. Westinghouse Electric Corporation has a fitness-for-duty program that has been audited and accepted by DNC.

There are no regulatory commitments contained within this submittal.

If you have any questions regarding this submittal, please contact Mr. Ravi Joshi at (860) 440-2080.

Very truly yours,

DOMINION NUCLEAR CONNECTICUT, INC.



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J. Alan Price  
Site Vice President - Millstone

Attachments (3)

cc: H. J. Miller, Region I Administrator  
D. G. Holland, NRC Project Manager, Millstone Unit No. 1  
J. R. Wray, NRC Inspector, Region I, Millstone Unit No. 1  
R. B. Ennis, NRC Senior Project Manager, Millstone Unit No. 2  
V. Nerses, NRC Senior Project Manager, Millstone Unit No. 3  
Millstone Senior Resident Inspector

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Attachment 1

Millstone Power Station, Unit Nos. 1, 2 and 3

Performance Data Form Explanation  
Summary of Performance Data/Management Actions  
Significant Fitness-for-Duty Events

**Performance Data Form Explanation**  
**Summary of Performance Data/Management Actions**  
**Significant Fitness-for-Duty Events**

**Performance Data Form Explanation**

- Cutoffs

Dominion Nuclear Connecticut, Inc. (DNC) cutoff levels differ from the U.S. Nuclear Regulatory Commission (NRC) standard cutoff levels in the marijuana category only. DNC uses a 50 ng/ml screening cutoff level which is more conservative than the regulatory standard.

- Substances

DNC's testing program includes the National Institute of Drug Abuse (NIDA) 5 substances and all specimens are tested for Nitrites.

- Contractor Personnel

DNC does not maintain records for separate categories of contractors. Consequently, all contractor data is recorded under the short-term contractor personnel category.

- Confirmed Positive Tests for Specific Substances

This section contains the number of confirmed positive tests, recorded by substance, during the reporting period. Please note that there may be no direct correlation between the sum of these numbers and the number of positives entered on the front of the form. Positive tests for multiple substances per individual are recorded as separate items in this table.

- Regulatory and DNC Cutoff Levels

Since DNC uses a cutoff level for marijuana which is more conservative than the NRC, the "positive" column for that substance only is split; the left side indicates confirmed positives based on NRC cutoff levels and the right side indicates the confirmed positives based on DNC's more conservative cutoff level.

- For-Cause vs. Post Accident

This category has been separated to recognize the difference in testing "for-cause" when observed unusual or aberrant behavior indicates possible substance abuse, odor of alcohol is detected or drugs or alcohol have been discovered on an individual, vs. "post accident" testing following an accident which may have been the result of failure in individual performance.

- Other

This category is used to record “supplemental” and/or “witnessed” tests performed during the report period. Supplemental tests are re-collections of specimens which, for technical reasons, could not be processed by the NIDA laboratory. Examples of reasons for not processing include specimen leakage and insufficient specimen. Witnessed tests are re-collected under direct observation when the initial collection is reported as DILUTE and a requested Limits of Detection reports that an illegal substance is found in the urine.

### Summary of Performance Data

- 1391 tests performed
- 548 tests were random
  - Average population = 2041
  - Annual 50 percent minimum random testing rate achieved ( $548/2041 = 26.8\% \times 2$  (because this report is done semi-annually) = 53 %)
- Percent Confirmed Positive Rates:
  - Pre-access = 1.1 percent (75 percent of confirmed positives were in this category.)
  - Random = 0 percent
  - Overall = 0.8 percent

There were twelve confirmed positive tests from twelve individuals. No individual tested positive for more than one substance. One specimen that tested positive for Marijuana also tested positive for the adulterant Chromium VI.

#### Breakdown:

Marijuana	4	(33 percent)
Cocaine	4	(33 percent)
Opiates (Heroin)	0	(0 percent)
Alcohol	4	(33 percent)

There were no verified confirmed positive tests for any other substance.

- Regulatory vs. DNC Cutoff Levels (Marijuana)

A total of four individuals tested confirmed positive for marijuana. All four samples screened at the NRC level of 100 ng/ml or greater. No samples screened at the (DNC limit) of 50 ng/ml.

### **Management Actions**

Twelve contractor personnel tested confirmed positive for drugs or alcohol. Nine of these were during the pre-badging process and three were tested for-cause. All were denied unescorted access. All twelve individuals tested positive for the first time and will not be considered for unescorted access for a period of at least five years.

No candidate for employment with DNC tested confirmed positive in a pre-employment test.

No Dominion NC employee tested positive

### **Significant Fitness-for-Duty Events**

There were no Significant Fitness-for Duty Events during this reporting period.

### **Proficiency Testing**

A total of 308 blind proficiency specimens were processed for this 6-month period. There were no false negatives and no false positives. All data regarding proficiency testing is on file with the Fitness for Duty Administrator.

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Attachment 2

Millstone Power Station, Unit Nos. 1, 2 and 3

Millstone Power Station  
Semi-Annual Fitness-for-Duty  
Performance Data

**Fitness-for-Duty Program Performance Data  
 for Personnel Subject to 10 CFR 26**

<b>Millstone Power Station</b>		<b>December 31, 2002</b>			
Company		6 Months Ending			
156 Rope Ferry Rd, Waterford, CT 06385					
Location					
Cora Quinn-Ross		(860) 437-5914			
Contact Name		Area code and Phone #			
Cutoffs: Screen/Confirmation (ng/ml)		<input type="checkbox"/> Appendix A to 10CFR26			
Marijuana:	50/15	Amphetamines:	1000/500 _____ : /		
Cocaine:	300/150	Phencyclidines:	25/25 _____ : /		
Opiates:	300/300	Alcohol (%BAC):	0.040 _____ : /		
<b>TESTING RESULTS</b>		<b>Licensee Employee</b>		<b>Contractor Personnel</b>	
Average Number with Unescorted Access		1432		609	
<b>CATEGORIES</b>		<b># Tested</b>	<b># Positive</b>	<b># Tested</b>	<b># Positive</b>
Pre-Access		29	0	739	9
Pre-Employment		7	0	0	0
For Cause		0	0	4	3
Random		378	0	170	0
Follow-Up		16	0	1	0
Infrequent Visitor		0	0	41	0
Post Accident		0	0	6	0
<b>TOTAL</b>		<b>430</b>	<b>0</b>	<b>961</b>	<b>12</b>

**Fitness-for-Duty Program Performance Data  
 for Personnel Subject to 10 CFR 26**

<b>BREAKDOWN OF CONFIRMED POSITIVE TEST FOR SPECIFIC SUBSTANCES</b>						
Categories	Licensee Employees		Contractor Personnel		Sub Total	
	NRC Limits	DNC Limits	NRC Limits	DNC Limits	NRC Limits	DNC Limits
Marijuana	0	0	4	0	4	0
Cocaine	0		4		4	
Opiates	0		0		0	
Amphetamines	0		0		0	
Phencyclidine	0		0		0	
Alcohol	0		4		4	
Refusal to Test	0		0		0	
Administrative Positive	0		0		0	
Nitrite Positive	0		0		0	
Substituted Urine	0		0		0	
<b>Sub Total</b>	<b>0</b>		<b>12</b>		<b>12</b>	

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**Attachment 3**

**Millstone Power Station, Unit Nos. 1, 2 and 3**

**Westinghouse Electric Corporation  
Semi-Annual Fitness-for-Duty  
Performance Data Compilation**



<b>9</b>	<b>Marijuana</b>	<b>Cocaine</b>	<b>Opiates</b>	<b>Amphet- amines</b>	<b>Phency- clidine</b>	<b>Alcohol</b>	<b>Refusal to Test</b>	<b>Adulterants</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b>Employees</b>	0	0	0	0	0	0	0	0	0	0	0	0
<b>Long-Term Contractors</b>	0	0	0	0	0	0	0	0	0	0	0	0
<b>Short-Term Contractors</b>	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	0	0	0	0	0	0	0	0	0	0	0

**LEGEND:**

- 1 = Barbiturates
- 2 = Benzodiazepines
- 3 = Methadone
- 4 = Methaqualone