

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



Dominion™

AUG 15 2003

Docket Nos. 50-245

50-336

50-423

B18961

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
January 2003 through June 2003

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 January 1, 2003, through June 30, 2003.

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 January 2003 through June 2003 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 (i.e., 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.

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.

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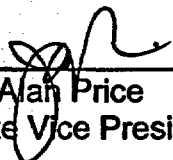
Also included with this submittal, as Attachment 3, is data collected by Westinghouse Electric who conducts pre-access drug and alcohol testing for individuals requiring unescorted access to the Millstone Power Station. Westinghouse Electric Corporation has a fitness-for-duty program that has been audited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

There are no regulatory commitments contained within this submittal.

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

Very truly yours,

DOMINION NUCLEAR CONNECTICUT, INC.



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, versus "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 that, 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

- 791 tests performed
- 460 tests were random
 - Average population = 1781
 - Annual 50 percent minimum random testing rate achieved ($460/1781 = 25.8\% \times 2$ [because this report is done semi-annually] = 51.7 %)
- Percent Confirmed Positive Rates:
 - Pre-access = 0.50 percent (80 percent of confirmed positives were in this category.)
 - Random = 0.13 percent (20 percent of confirmed positives were in this category.)
 - Overall = 0.63 percent

There were five confirmed positive tests from five individuals. One specimen that tested positive for amphetamines also tested positive for cocaine.

Breakdown:

Marijuana	3	(50 percent)
Cocaine	1	(16.7 percent)
Amphetamines	1	(16.7 percent)
Refusal to Test	1	(16.7 percent)

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

- Regulatory vs. DNC Cutoff Levels (Marijuana)

A total of three individuals tested confirmed positive for marijuana. Two samples screened at the NRC level of 100 ng/ml or greater. One sample screened only at the DNC limit of 50 ng/ml.

Management Actions

Three contractor personnel tested confirmed positive for drugs. All three were during the pre-badging process, and all were denied unescorted access. All three individuals tested positive for the first time and will not be considered for unescorted access for a period of at least five years.

One candidate for employment with DNC tested confirmed positive in a pre-employment test, and will not be considered for unescorted access for a period of at least five years.

One DNC employee was assigned an Administrative positive due to refusal to provide a random sample. The individual's unescorted access was suspended and a 30 day unpaid disciplinary suspension was imposed. Additionally, the individual has been placed in the follow-up program for a period of three years.

Significant Fitness-for-Duty Events

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

Proficiency Testing

A total of 85 blind proficiency specimens were processed for this 6-month period. There were no false negatives and no false positives. The secondary lab was unable to complete the reconfirmation on one proficiency sample due to lab equipment not satisfying quality control standards. An investigation was performed pursuant to 10 CFR 26, Appendix A, Subpart B, Section 2.8(e)(4), and the results of that investigation were reported to the NRC on July 21, 2003.⁽¹⁾ All data regarding proficiency testing is on file with the Millstone Power Station Fitness-for-Duty Administrator.

⁽¹⁾ J. A. Price letter to U.S. NRC, "Millstone Power Station, Unit Nos. 1, 2 and 3, 10 CFR 26, Appendix A, Subpart B, Section 2.8(e)(4) Report, Unsatisfactory Laboratory Performance Test," dated July 21, 2003.

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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**

Millstone Power Station		June 30, 2003	
Company		6 Months Ending	
156 Rope Ferry Rd, Waterford, CT 06385			
Location			
Bryan J. Lockett		(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

TESTING RESULTS	Licensee Employee		Contractor Personnel	
Average Number with Unescorted Access	1332		449	
CATEGORIES	# Tested	# Positive	# Tested	# Positive
Pre-Access	26	0	168	3
Pre-Employment	34	1	2	0
For Cause	0	0	1	0
Random	345	1	115	0
Follow-Up	16	0	0	0
Infrequent Visitor	2	0	80	0
Post Accident	0	0	2	0
TOTAL	423	2	368	3

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

BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES						
Categories	Licensee Employees		Contractor Personnel		Sub Total	
	NRC Limits	DNC Limits	NRC Limits	DNC Limits	NRC Limits	DNC Limits
Marijuana	0	0	2	1	2	1
Cocaine	0		1		1	
Opiates	0		0		0	
Amphetamines	0		1		1	
Phencyclidine	0		0		0	
Alcohol	0		0		0	
Refusal to Test	1		0		1	
Administrative Positive	0		0		0	
Nitrite Positive	0		0		0	
Substituted Urine	0		0		0	
Sub Total	1		5		6	

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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**

**Westinghouse Fitness for Duty Program
Performance Data
Personnel Subject to 10CFR26**



Customer: Dominion Nuclear Connecticut, Inc. (Millstone)

1 Westinghouse Electric Company LLC <div style="text-align: center;">Company</div>	2 June 30, 2003 <div style="text-align: center;">Six months ending</div>
3 P.O. Box 158, BIN 38, Madison, PA 15663 <div style="text-align: center;">Location</div>	
4 Peter J. Defilippi <div style="text-align: center;">Contact Name</div>	5 724-722-5721 / 5718 <div style="text-align: center;">Phone (include area code)</div>

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Cutoffs: Screen/Confirmation (ng/ml) ☐ Appendix A to 10CFR26

Marijuana	20/15	Amphetamines	300/300	Barbiturates	300/300
Cocaine	300/150	Phencyclidine	25/25	Benzodiazepines	300/300
Opiates	300/300	Alcohol (% BAC)	0.04%	Methadone	300/300
				Methaqualone	300/300

Testing Results		Westinghouse Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access		700		0		840	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		0	0	0	0	0	0
For Cause	Post accident	0	0	0	0	0	0
	Observed behavior	0	0	0	0	0	0
Random		0	0	0	0	0	0
Follow-up		0	0	0	0	0	0
Other		0	0	0	0	0	0
Total		0	0	0	0	0	0

Breakdown of Confirmed Positive Tests for Specific Substances

9	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to Test	Adulterants	1	2	3	4	
Employees	0	0	0	0	0	0	0	0	0	0	0	0	
Long-Term Contractors	0	0	0	0	0	0	0	0	0	0	0	0	
Short-Term Contractors	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0

LEGEND

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