

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



AUG 27 2001

Docket Nos. 50-245
50-336
50-423
B18468

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
for January 2001 through June 2001

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, 2001, through June 30, 2001. On March 31, 2001, responsibility for the facility was transferred from the Northeast Nuclear Energy Company, a subsidiary of Northeast Utilities (NU), to DNC. Accordingly, this report includes NU corporate data collected from January 1, 2001, through to March 31, 2001.

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 through June and July through December)." Accordingly, Attachments 1 through 5 contain fitness-for-duty program performance data for January 2001 through June 2001 for the Millstone Power Station, Unit Nos. 1, 2 and 3.

The regulations allow flexibility in how to submit the data. For example, other collection facilities may be reported separately, but require that the following data be included: random testing rate; drugs tested for and cutoff levels, including results of tests using lower cutoff levels and tests for other drugs; work force populations tested (as applicable); numbers of tests and results by population and type of test (e.g., pre-access, random, for-cause, etc.); substances identified; summary of management

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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. Attachments 2 and 3 are separate compilations of data collected at Millstone Station and NU's corporate office collection facility, respectively. Attachment 4 is a compilation of the aforementioned sites in one data sheet. We believe that it is useful to submit separate and total data sheets to the Nuclear Regulatory Commission (NRC) Staff to aid in the data collection and analysis process.

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

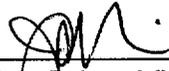
Also included with this submittal, as Attachment 5, is data collected by Westinghouse Electric who conducts pre-access drug and alcohol testing for individuals requiring unescorted access to the Millstone Power Station. Westinghouse Electric Corporation has a fitness-for-duty program that has been audited and accepted by DNC.

There are no regulatory commitments contained within this letter.

If you have any questions regarding this submittal, please contact Mr. Paul Willoughby at (860) 447-1791, extension 3655.

Very truly yours,

DOMINION NUCLEAR CONNECTICUT, INC.



J. Alan Price, Vice President
Nuclear Technical Services - Millstone

Attachments (5)

cc: H. J. Miller, Region I Administrator
J. B. Hickman, NRC Project Manager, Millstone Unit No. 1
T. J. Jackson, NRC Inspector, Region I, Millstone Unit No. 1
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

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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 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.

- Average Number of Unescorted Access Vs. Random Testing Results

Prior to April 1, 2001, responsibility for the Millstone Power Station belonged to the Northeast Nuclear Energy Company, a subsidiary of Northeast Utilities (NU), rather than to DNC. From January 1, 2001, to March 31, 2001, the data collected included specimens taken from NU corporate personnel and at the NU corporate facility in Berlin, Connecticut.

The average number of NU corporate support personnel with unescorted access to Millstone Station (see Attachment 3) included employees from a variety of support locations; some at the NU corporate office, others at or near the plant site.

Note that on July 26, 2000, the eighty-eight employees in the NU corporate pool were incorporated into the Millstone employee pool. This allowed the NU corporate office to remain a collection facility while eliminating the need for them to continue random selections. Specimens from those employees selected for random testing who worked out of the NU corporate office were generally collected at the NU corporate office. The NU corporate office also continued to act as a collection facility for those employees who worked in other locations but were closer to the NU corporate office.

The data reported in the random test results category reflects the number of tests actually performed at both collection locations.

Although random selection of the NU corporate support personnel was incorporated into the Millstone employee pool, specimen collection was actually done at the collection site nearest the individual's work location or assignment, frequently at the plant site. As a result, the number tested in the random category at the Millstone Station might be lower than expected. However, the aggregate data for total program performance (Attachment 4) demonstrates that the number of random tests performed is on target and has met the minimum required 50 percent testing rate.

- 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.

- 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

- 1597 tests performed
- 711 tests were random
 - Average population = 2768
 - Annual 50 percent minimum random testing rate achieved ($711/2768 = 25.6\% \times 2$ (because this report is done *semi*-annually) = 51 %)

- Percent Confirmed Positive Rates:

- Pre-access = 1.4 percent (64 percent of confirmed positives were in this category.)
- Random = 0.28 percent
- Overall = 1.0 percent

There were nineteen confirmed positive tests from seventeen individuals. Two individuals tested positive for two substances. One individual refused an opportunity to meet with the Medical Review Officer (MRO). This individual is included in the breakdown below under “Administrative.”

Breakdown:

Marijuana	11	(64 percent)
Cocaine	5	(29 percent)
Opiates (Heroin)	0	(0 percent)
Alcohol	2	(11 percent)
Refusal to test	0	(0 percent)
Administrative	1	(5 percent)
Nitrites	0	(0 percent)

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

- Regulatory vs. DNC Cutoff Levels (Marijuana)

A total of eleven individuals tested confirmed positive for marijuana. Of the eleven samples, six screened at a level of 100 ng/ml or greater (NRC limit), and five screened at 50ng/ml (DNC limit).

Management Actions

Seventeen contractor personnel tested confirmed positive for drugs or alcohol. Eleven of these were during the pre-badging process, two were random, two were for-cause, one was an infrequent visitor, and one was a witnessed dilute. All were denied unescorted access. Of the seventeen, sixteen were verified confirmed positives and one was an administrative positive. None of these individuals will be considered for unescorted access for a period of one year. One of the eleven tested during pre-badging tested positive for the second time and will be denied access for three years. Two individuals tested positive for two substances.

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

No DNC employees tested positive.

Significant Fitness-for-Duty Events

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

Proficiency Testing

A total of 230 blind proficiency specimens were processed for this 6-month period. There was one false negative and no false positives. Investigation of the circumstances leading to the false negative was initiated, and notification was made to the NRC regarding unsatisfactory performance on May 2, 2001.⁽¹⁾ Both reports are on file with the Station's Senior Nuclear Department Assistant/Fitness-For-Duty (SNDA/FFD). All data regarding proficiency testing is also on file with the Millstone Power Station's SNDA/FFD.

⁽¹⁾ R. P. Necci letter to U.S. Nuclear Regulatory Commission, "Millstone Nuclear Power Station, Unit Nos. 1, 2 and 3, 10 CFR 26, Appendix A, Subpart B, Section 2.8(e)(4) Report, Unsatisfactory Laboratory Performance Testing Incident," dated May 2, 2001, (B18402).

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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 10CFR 26**

Millstone Power Station		June 30, 2001			
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):	0.040d : /		
TESTING RESULTS		Licensee Employee		Contractor Personnel	
Average Number with Unescorted Access		1634		1134	
CATEGORIES		# Tested	# Positive	# Tested	# Positive
Pre-Access		11	0	748	11
Pre-Employment		27	0	0	0
For Cause		1	0	3	2
Random		417	0	291	2
Follow-Up		10	0	10	0
Infrequent Visitor		0	0	71	1
Witnessed Dilute		0	0	1	1
TOTAL		466	0	1124	17

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

BREAKDOWN OF CONFIRMED POSITIVE TEST 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	6	5	6	5
Cocaine	0		5		5	
Opiates	0		0		0	
Amphetamines	0		0		0	
Phencyclidine	0		0		0	
Alcohol	0		2		2	
Refusal to Test	0		0		0	
Administrative Positive	0		1		1	
Nitrite Positive	0		0		0	
Substituted Urine	0		0		0	
Sub Total	0		19		19	

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Attachment 3

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

Northeast Utilities Corporate Office Collection Facility
Semi-Annual Fitness-for-Duty
Performance Data

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

NU - Corporate Office - Collection Facility Only		June 30, 2001			
Company 107 Seldon St. Berlin, CT 06037		6 Months Ending			
Location Kathy Michalski		(860) 665-6224			
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		0		0	
CATEGORIES		# Tested	# Positive	# Tested	# Positive
Pre-Access		1	0	0	0
Pre-Employment		3	0	0	0
For Cause		0	0	0	0
Random		3	0	0	0
Follow-Up		0	0	0	0
Infrequent Visitor		0	0	0	0
Other		0	0	0	0
TOTAL		7	0	0	0

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

BREAKDOWN OF CONFIRMED POSITIVE TEST 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	0	0	0	0
Cocaine	0		0		0	
Opiates	0		0		0	
Amphetamines	0		0		0	
Phencyclidine	0		0		0	
Alcohol	0		0		0	
Refusal to Test	0		0		0	
Administrative Positive	0		0		0	
Sub Total	0		0		0	

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Attachment 4

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

Dominion Nuclear Connecticut, Inc.
Semi-Annual Fitness-for-Duty
Performance Data Compilation

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

Dominion Nuclear CT, Inc.		June 30, 2001			
Company		6 Months Ending			
Compilation of Sites					
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 : /		
TESTING RESULTS		Licensee Employee		Contractor Personnel	
Average Number with Unescorted Access		1634		1134	
CATEGORIES		# Tested	# Positive	# Tested	# Positive
Pre-Access		12	0	748	11
Pre-Employment		30	0	0	0
For Cause		1	0	3	2
Random		420	0	291	2
Follow-Up		10	0	10	0
Infrequent Visitor		0	0	71	1
Witnessed Dilute		0	0	1	1
TOTAL		473	0	1124	17

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

BREAKDOWN OF CONFIRMED POSITIVE TEST 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	6	5	6	5
Cocaine	0		5		5	
Opiates	0		0		0	
Amphetamines	0		0		0	
Phencyclidine	0		0		0	
Alcohol	0		2		2	
Refusal to Test	0		0		0	
Administrative Positive	0		1		1	
Nitrite Positive	0		0		0	
Substituted Urine	0		0		0	
Sub Total	0		19		19	

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Attachment 5

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

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

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

1	<u>Westinghouse Electric Company</u> Company	2	<u>June 30, 2001</u> 6 Months Ending				
3	<u>P.O. Box 158, BIN 38, Madison, PA 15663</u> Location						
4	<u>Peter J. Defillippi/Betty L. Engle</u> Contact Name	5	<u>(724) 722-5721/5719</u> Area code and Phone #				
6	Cutoffs: Screen/Confirmation (ng/ml) <input type="checkbox"/> Appendix A to 10CFR26						
	Marijuana: 20/15	Amphetamines: 300/300	Barbiturates 300/300				
	Cocaine: 300/150	Phencyclidines: 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			
7	Average Number with Unescorted Access	1500	180	150			
8	Categories	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
	Pre-Access	9	0	3	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	9	0	3	0	0	0

9	Marijuana	Cocaine	Opiates	Amphet- amines	Phency- clidine	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

LEGEND:

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