

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



FEB 22 2002

Docket Nos. 50-245

50-336

50-423

B18585

RE: 10 CFR 26.71(d)

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

Millstone Nuclear Power Station, Unit Nos. 1, 2 and 3
Semi-Annual Fitness-for-Duty Performance Data
for July 2001 through December 2001

Dominion Nuclear Connecticut, Inc. (DNC), hereby submits the semi-annual Fitness for Duty performance data for Millstone Nuclear 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, 2001, through December 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 and 2 contain fitness-for-duty program performance data for July 2001 through December 2001 for the Millstone Nuclear Power Station, Unit Nos. 1, 2 and 3.

The regulations allow flexibility in how to submit the data, 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; workforce 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 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 data collected at the Millstone Station.

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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 Nuclear 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 Nuclear 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
Site Vice President - Millstone

Attachments (3)

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 Nuclear 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.

- 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.

An eighth category has been added to the report, "Post Accident Testing." This allows for the differentiation between "for-cause" versus "post accident."

Summary of Performance Data

- 1047 tests were performed.
- 600 tests were random.
 - Average population = 2272
 - Annual 50 percent minimum random testing rate achieved ($600/2272 = 26\% \times 2$ (because this report is done *semi-annually*) = 52%)
- Percent Confirmed Positive Rates:
 - Pre-access = 1.7 percent (66 percent of confirmed positives were in this category.)
 - Random = .5 percent
 - Overall = .8 percent

There were nine (9) confirmed positive tests from nine (9) individuals. All of the individuals accepted the opportunity to meet with the Medical Review Officer (MRO), therefore, there were no administrative positives for this reporting period.

Breakdown:

Marijuana	3	(33 percent)
Cocaine	5	(55 percent)
Opiates (Heroin)	0	(0 percent)
Alcohol	1	(11 percent)
Refusal to test	0	(0 percent)
Administrative	0	(0 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 three (3) individuals tested confirmed positive for marijuana. Of the three samples, one (1) screened at a level of 100 ng/ml or greater (NRC limit), and two (2) screened at 50ng/ml (DNC limit).

Management Actions

Nine (9) contractor personnel tested confirmed positive for drugs or alcohol. Six (6) of these were during the pre-badging process, and three (3) were random. All were denied unescorted access. None of these individuals will be considered for unescorted access for a period of five (5) years.

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 162 blind proficiency specimens were processed for this 6-month period. There were no false negatives or false positives. All data regarding proficiency testing is also on file in the Millstone Nuclear Power Station Fitness for Duty collection facility.

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Attachment 2

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

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

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

Dominion Nuclear CT, Inc.		December 31, 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 10 CFR 26	
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	1489		783	
CATEGORIES	# Tested	# Positive	# Tested	# Positive
Pre-Access	9	0	336	6
Pre-Employment	12	0	0	0
For Cause	3	0	0	0
Random	390	0	210	3
Follow Up	9	0	1	0
Infrequent Visitor	0	0	75	0
Post Accident	0	0	1	0
Witnessed Dilute	0	0	1	0
TOTAL	423	0	624	9

**Fitness for Duty Program Performance Data
for Personnel Subject to 10 CFR 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	1	2	1	2
Cocaine	0		5		5	
Opiates	0		0		0	
Amphetamines	0		0		0	
Phencyclidine	0		0		0	
Alcohol	0		1		1	
Refusal to Test	0		0		0	
Administrative Positive	0		0		0	
Nitrite Positive	0		0		0	
Substituted Urine	0		0		0	
Sub Total	0		9		9	

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Attachment 3

Millstone Nuclear 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 10 CFR 26**

Westinghouse Electric Company _____ Company				December 31, 2001 _____ 6 Months Ending			
P.O. Box 158, BIN 38, Madison, PA 15663 _____ Location							
Peter J. Defillippi _____ Contact Name				(724) 722-5721/5719 _____ Area code and Phone #			

Cutoffs: Screen/Confirmation (ng/ml) ☐ Appendix A to 10 CFR 26

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	
Average Number with Unescorted Access		1500		180		150	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		6	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		6	0	3	0	0	0

	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