



February 21, 2005

United States Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D. C. 20555-0001

Serial No. 05-081
NLOS/vlh
Docket Nos. 50-280/281
50-338/339
50-245/336/423
License Nos. DPR-32/37
NPF-4/7
NPF-49
DPR-21/65

DOMINION NUCLEAR CONNECTICUT, INC.
VIRGINIA ELECTRIC AND POWER COMPANY
SURRY POWER STATION UNITS 1 AND 2
NORTH ANNA POWER STATION UNITS 1 AND 2
MILLSTONE POWER STATION UNITS 1, 2 AND 3
FITNESS-FOR-DUTY PROGRAM
SEMI-ANNUAL PERFORMANCE DATA REPORT

Enclosed is the Dominion Nuclear Connecticut, Inc. (DNC) and Virginia Electric and Power Company (Dominion) Semi-Annual Fitness-For-Duty (FFD) Program Performance Data report for July 1, 2004 through December 31, 2004. This report is submitted pursuant to 10 CFR 26.71(d).

Attachment 1 includes summaries of management sanctions imposed, actions completed to improve the program, events reported to the NRC, and our random testing rate. Attachment 2 contains the standard FFD data forms for Surry Power Station, North Anna Power Station, Innsbrook Technical Center (Corporate), Millstone Power Station, Westinghouse Electric Company and Institute of Nuclear Power Operations (INPO).

If you have any questions, please contact Mr. Dave Sommers at (804) 273-2823.

Very truly yours,

A handwritten signature in black ink, appearing to read "C. L. Funderburk", with a horizontal line extending to the right.

C. L. Funderburk, Director
Nuclear Licensing and Operations Support
Dominion Resources Services, Inc.
for Dominion Nuclear Connecticut, Inc. and
Virginia Electric and Power Company

Commitments made in this letter: None

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cc: Mr. R. J. Prince
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Mr. N. P. Garrett
NRC Senior Resident Inspector
Surry Power Station

Mr. M. S. King
NRC Senior Resident Inspector
North Anna Power Station

Mr. S. M. Schneider
NRC Senior Resident Inspector
Millstone Power Station

ATTACHMENT 1

**SUMMARY OF EVENTS AND
MANAGEMENT ACTIONS**

SUMMARY OF MANAGEMENT SANCTIONS IMPOSED

JULY 1 THROUGH DECEMBER 31, 2004

DOMINION EMPLOYEES

RANDOM TESTS

(Resulted in denial of unescorted access authorization.)

Confirmed positive tests for alcohol **2**

PRE-ACCESS TESTS

(Resulted in denial of unescorted access authorization and termination of employment.)

Confirmed positive test for illegal drug **1**

CONTRACTOR EMPLOYEES

RANDOM TESTS

(Resulted in revocation and denial of unescorted access authorization.)

Confirmed positive test for illegal drug **2**

Failure to cooperate / Refusal to test **1**

PRE-ACCESS TESTS

(Resulted in denial of unescorted access authorization.)

Confirmed positive tests for illegal drug **17**

Confirmed positive tests for alcohol **5**

Failure to cooperate / Refusal to test **1**

**SUMMARY OF MANAGEMENT ACTIONS
COMPLETED TO IMPROVE THE FFD PROGRAM**

JULY 1 THROUGH DECEMBER 31, 2004

No significant changes were made to the Fitness for Duty Program during this reporting period.

SUMMARY OF EVENTS REPORTED TO THE NRC BY DOMINION

JULY 1 THROUGH DECEMBER 31, 2004

No events were reported to the NRC during this reporting period.

DOMINION RANDOM TESTING RATE
JULY 1 THROUGH DECEMBER 31, 2004

Dominion Random Testing Rate: 51.94%

	<u>Employees</u>	<u>Contractors</u>
Surry Power Station	50.71%	55.86%
North Anna Power Station	51.69%	56.69%
Innsbrook Technical Center	50.00%	47.62%
Millstone Power Station	51.89%	50.76%

ATTACHMENT 2

FFD DATA FORMS

SURRY POWER STATION

NORTH ANNA POWER STATION

INNSBROOK TECHNICAL CENTER

MILLSTONE POWER STATION

WESTINGHOUSE ELECTRIC COMPANY

INSTITUTE OF NUCLEAR POWER OPERATIONS

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

**Virginia Electric and Power Company
SURRY**

**12/31/2004
Six Months Ending**

Cutoffs: Screen / Confirmation (ng/ml)

Appendix A to 10 CFR 26

Marijuana	50/15	Amphetamines	1000/500
Cocaine	300/150	Phencyclidine	25/25
Opiates	300/300	Alcohol (%BAC)	0.04%/0.04%

Testing Results	Licensee Employees		Contractor Personnel	
Average Number with Unescorted Access	985		443	
Categories	Number Tested	DHHS/NRC POSITIVE	Number Tested	DHHS/NRC POSITIVE
FOLLOW-UP	3	0	5	0
FOR-CAUSE OBSERVED	3	0	9	0
FOR-CAUSE POST EVENT	0	0	1	0
OTHER	0	0	1	0
PRE-ACCESS	64	0	299	2
PRE-ACCESS RANDOM	0	0	16	0
RANDOM FFD	250	1	124	1
RETURN TO DUTY	9	0	4	0
TOTAL	329	1	459	3

Breakdown of Confirmed Positive Tests for Specific Substances

SURRY

12/31/2004

	MARIJUANA	COCAINE	OPIATES	AMPHETAMINES	PHENCYCLIDIN	ALCOHOL	REFUSAL TO TEST
Contractor	3	0	0	0	0	0	1
Employee	0	0	0	0	0	1	0
Total	3	0	0	0	0	1	1

**Breakdown of Confirmed Positive Test for Marijuana
(initial screen cut-off level = 50 ng/ml)**

	>=50 ng/ml <100 ng/ml	>=100 ng/ml
Contractor	0	3
Employee	0	0
Total	0	3

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

**Virginia Electric and Power Company
NORTH ANNA**

**12/31/2004
Six Months Ending**

Cutoffs: Screen / Confirmation (ng/ml)

Appendix A to 10 CFR 26

Marijuana	50/15	Amphetamines	1000/500
Cocaine	300/150	Phencyclidine	25/25
Opiates	300/300	Alcohol (%BAC)	0.04%/0.04%

Testing Results	Licensee Employees		Contractor Personnel	
Average Number with Unescorted Access	944		314	
Categories	Number Tested	DHHS/NRC POSITIVE	Number Tested	DHHS/NRC POSITIVE
FOLLOW-UP	5	0	3	0
FOR-CAUSE OBSERVED	1	0	3	0
FOR-CAUSE POST EVENT	4	0	10	0
OTHER	0	0	0	0
PRE-ACCESS	75	0	957	10
PRE-ACCESS RANDOM	0	0	1	0
RANDOM FFD	244	1	89	1
RETURN TO DUTY	2	0	1	0
TOTAL	331	1	1064	11

Breakdown of Confirmed Positive Tests for Specific Substances

NORTH ANNA

12/31/2004

	MARIJUANA	COCAINE	OPIATES	AMPHETAMINES	PHENCYCLIDIN	ALCOHOL	REFUSAL TO TEST
Contractor	4	4	0	0	0	3	0
Employee	0	0	0	0	0	1	0
Total	4	4	0	0	0	4	0

Breakdown of Confirmed Positive Test for Marijuana

(initial screen cut-off level = 50 ng/ml)

	>=50 ng/ml <100 ng/ml	>=100 ng/ml
Contractor	2	2
Employee	0	0
Total	2	2

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

**Dominion Resources Services, Inc.
INNSBROOK**

**12/31/2004
Six Months Ending**

Cutoffs: Screen / Confirmation (ng/ml)

Appendix A to 10 CFR 26

Marijuana	50/15		Amphetamines	1000/500
Cocaine	300/150		Phencyclidine	25/25
Opiates	300/300		Alcohol (%BAC)	0.04%/0.04%

Testing Results	Licensee Employees		Contractor Personnel	
Average Number with Unescorted Access	392		42	
Categories	Number Tested	DHHS/NRC POSITIVE	Number Tested	DHHS/NRC POSITIVE
FOLLOW-UP	0	0	0	0
FOR-CAUSE OBSERVED	0	0	0	0
FOR-CAUSE POST EVENT	0	0	0	0
OTHER	0	0	0	0
PRE-ACCESS	32	0	5	0
PRE-ACCESS RANDOM	0	0	0	0
RANDOM FFD	98	0	10	0
RETURN TO DUTY	0	0	0	0
TOTAL	130	0	15	0

Breakdown of Confirmed Positive Tests for Specific Substances

INNSBROOK

12/31/2004

	MARIJUANA	COCAINE	OPIATES	AMPHETAMINES	PHENCYCLIDIN	ALCOHOL	REFUSAL TO TEST
Contractor	0	0	0	0	0	0	0
Employee	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0

Breakdown of Confirmed Positive Test for Marijuana

(initial screen cut-off level = 50 ng/ml

	>=50 ng/ml <100 ng/ml	>=100 ng/ml
Contractor	0	0
Employee	0	0
Total	0	0

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

**Dominion Nuclear Connecticut, Inc.
MILLSTONE**

**12/31/2004
Six Months Ending**

Cutoffs: Screen / Confirmation (ng/ml)

Appendix A to 10 CFR 26

Marijuana	50/15	Amphetamines	1000/500
Cocaine	300/150	Phencyclidine	25/25
Opiates	300/300	Alcohol (%BAC)	0.04%/0.04%

Testing Results	Licensee Employees		Contractor Personnel	
Average Number with Unescorted Access	1268		661	
Categories	Number Tested	DHHS/NRC POSITIVE	Number Tested	DHHS/NRC POSITIVE
FOLLOW-UP	9	0	14	0
FOR-CAUSE OBSERVED	0	0	10	0
FOR-CAUSE POST EVENT	0	0	8	0
OTHER	5	0	2	0
PRE-ACCESS	21	0	479	11
PRE-ACCESS RANDOM	0	1	2	0
RANDOM FFD	329	0	168	1
RETURN TO DUTY	1	0	1	0
TOTAL	365	1	684	12

Breakdown of Confirmed Positive Tests for Specific Substances

MILLSTONE

12/31/2004

	MARIJUANA	COCAINE	OPIATES	AMPHETAMINES	PHENCYCLIDIN	ALCOHOL	REFUSAL TO TEST
Contractor	5	4	1	0	0	2	1
Employee	1	0	0	0	0	0	0
Total	6	4	1	0	0	2	1

Breakdown of Confirmed Positive Test for Marijuana

(initial screen cut-off level = 50 ng/ml)

	>=50 ng/ml <100 ng/ml	>=100 ng/ml
Contractor	3	2
Employee	1	0
Total	4	2

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



Customer: Dominion Generation - Surry and North Anna Power Stations

1 Westinghouse Electric Company LLC Company	2 December 31, 2004 Six months ending
3 PO Box 158, BIN 38, Madison, PA 15663 Location	
4 Peter J. Defilippi / Victoria R. Pancurak Contact Name	5 724-722-5721/5718 Phone (include area code)
6 Cutoffs: Screen/Confirmation (ng/ml) <input type="checkbox"/> Appendix A to 10CFR26	
Marijuana 20/15 Cocaine 300/150 Opiates 300/300	Amphetamines 300/300 Phencyclidine 25/25 Alcohol (% BAC) 0.04% Barbiturates 300/300 Benzodiazepines 300/300 Methadone 300/300 Methaqualone 300/300

Testing Results	Westinghouse Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel		
Average Number with Unescorted Access	7	700	0		840		
Categories	8	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		2	0	0	0	2	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		2	0	0	0	2	0

Breakdown of Confirmed Positive Tests for Specific Substances

9	Marijuana	Cocaine	Opiates	Amphe- tamines	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	0

LEGEND

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

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



Customer: Dominion Nuclear Connecticut, Inc (Millstone)

1 Westinghouse Electric Company LLC Company	2 December 31, 2004 Six months ending																								
3 P.O. Box 158, BIN 38, Madison, PA 15663 Location																									
4 Peter J. Defilippi / Victoria R. Pancurak Contact Name	5 724-722-5721 / 5718 Phone (include area code)																								
6 Cutoffs: Screen/Confirmation (ng/ml) <input type="checkbox"/> Appendix A to 10CFR26																									
<table style="width:100%; border: none;"> <tr> <td>Marijuana</td><td>20/15</td><td>Amphetamines</td><td>300/300</td><td>Barbiturates</td><td>300/300</td></tr> <tr> <td>Cocaine</td><td>300/150</td><td>Phencyclidine</td><td>25/25</td><td>Benzodiazepines</td><td>300/300</td></tr> <tr> <td>Opiates</td><td>300/300</td><td>Alcohol (% BAC)</td><td>0.04%</td><td>Methadone</td><td>300/300</td></tr> <tr> <td></td><td></td><td></td><td></td><td>Methaqualone</td><td>300/300</td></tr> </table>		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
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	7	700	0	0	840	840	
Categories	8	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		1	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		1	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

FITNESS-FOR-DUTY PROGRAM

Performance Data

Personnel Subject to 10CFR 26

Institute of Nuclear Power Operations

COMPANY

12/31/04

6 MONTHS ENDING

Atlanta, Georgia

LOCATION

John Nielsen

CONTACT NAME

770/644-8808

PHONE (INCLUDING AREA CODE)

CUTOFFS: SCREEN/CONFIRMATION (ng/ml)

TESTING RATE: 50%

ALCOHOL (% BAC)

0.04%

COCAINE

300/150

PHENCYCLIDINE

25/25

AMPHETAMINES

1000/500

MARIJUANA

100/15
50/15

OPIATES

300/300

TESTING RESULTS		PERMANENT EMPLOYEES		LOANED EMPLOYEES	
AVERAGE NUMBER WITH UNESCORTED ACCESS		198.3		51	
CATEGORIES		# TESTED	# POSITIVE	# TESTED	# POSITIVE
PRE-ACCESS		22	0	19	0
FOR CAUSE	POST ACCIDENT	0	0	0	0
	OBSERVED BEHAVIOR	0	0	0	0
RANDOM		59	0	19	0
FOLLOW-UP		4	0	0	0
OTHER		0	0	0	0
TOTAL		85	0	38	0

RANDOM TEST PROGRAM RESULTS											
INDIVIDUALS TESTED		2000		2001		2002		2003		2004	
Number Positive		0	1	0	0	0	0	1	0	0	0
Number Negative		84	81	82	83	79	90	74	83	78	78
% POSITIVE		N/A	1.22%	N/A	N/A	N/A	N/A	1.35%	N/A	N/A	NA
GRAPH OF % POSITIVE	4										
	3										
	2										
	1		<					<			
	0										

BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

	PERMANENT EMPLOYEES	LOANED EMPLOYEES	TOTAL
ALCOHOL	0	0	0
AMPHETAMINES	0	0	0
COCAINE	0	0	0
MARIJUANA	0	0	0
OPIATES	0	0	0
PHENCYCLIDINE	0	0	0