

VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261

February 20, 2003

United States Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555-0001

Serial No.: 03-119  
NLOS/MM  
Docket Nos.: 50-280/281  
50-338/339  
License Nos.: DPR-32/37  
NPF-4/7

Gentlemen:

**VIRGINIA ELECTRIC AND POWER COMPANY (DOMINION)**  
**SURRY POWER STATION UNITS 1 AND 2**  
**NORTH ANNA POWER STATION UNITS 1 AND 2**  
**FITNESS FOR DUTY PROGRAM**  
**SEMI-ANNUAL PERFORMANCE DATA REPORT**

Enclosed is the Virginia Electric and Power Company (Dominion) Semi-Annual Fitness for Duty (FFD) Program Performance Data Report for July 1, 2002 through December 31, 2002. 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 North Anna Power Station, Surry Power Station, Innsbrook Technical Center (corporate), Westinghouse Electric Company and Institute of Nuclear Power Operations (INPO).

Very truly yours,



C. L. Funderburk, Director  
Nuclear Licensing and Operations Support

Commitments made in this letter: None

Attachments:

1. Summary of Events and Management Actions
2. FFD Data Forms

A021

cc: U. S. Nuclear Regulatory Commission  
Region II  
Sam Nunn Atlanta Federal Center  
61 Forsyth St., SW, Suite 23 T85  
Atlanta, GA 30303-8931

Mr. R. A. Musser  
NRC Senior Resident Inspector  
Surry Power Station

Mr. M. J. Morgan  
NRC Senior Resident Inspector  
North Anna Power Station

**ATTACHMENT 1**

**SUMMARY OF EVENTS AND  
MANAGEMENT ACTIONS**

## **SUMMARY OF MANAGEMENT SANCTIONS IMPOSED**

**JULY 1 THROUGH DECEMBER 31, 2002**

### **DOMINION EMPLOYEES**

No Dominion employees at Surry Power Station, North Anna Power Station, or Innsbrook Technical Center were sanctioned for Fitness for Duty Program violations during this reporting period.

### **CONTRACTOR EMPLOYEES**

#### **PRE-ACCESS TESTS**

(Resulted in denial of unescorted access authorization.)

Confirmed positive tests for illegal drug	<b>10</b>
Confirmed positive tests for alcohol	<b>2</b>

#### **FOR-CAUSE TESTS**

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

Failure to cooperate / Refusal to test	<b>1</b>
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**SUMMARY OF MANAGEMENT ACTIONS  
COMPLETED TO IMPROVE THE FFD PROGRAM**

**JULY 1 THROUGH DECEMBER 31, 2002**

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, 2002**

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

**DOMINION RANDOM TESTING RATE**  
**JULY 1 THROUGH DECEMBER 31, 2002**

**Dominion Random Testing Rate: 51.76%**

	<u>Employees</u>	<u>Contractors</u>
Surry Power Station	51.99	48.92
North Anna Power Station	52.69	51.04
Innsbrook Technical Center	50.17	58.52

**ATTACHMENT 2**

**FFD DATA FORMS**

**NORTH ANNA POWER STATION**

**SURRY POWER STATION**

**INNSBROOK TECHNICAL CENTER**

**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**

Company

**December 31, 2002**

Six Months Ending

**N. ANNA PWR STA**

Location

**(804)273-3598**

Phone

**O. H. Wegman**

Contact Name

**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		Long Term Contractor Personnel		Short-Term Contractor Personnel	
	Number Tested	DHHS/NRC Positive	Number Tested	DHHS/NRC Positive	Number Tested	DHHS/NRC Positive
Average Number with Unescorted Access	926.23				326.48	
Pre-Access	34	0 / 0	0	0/0	1,034	10 / 10
For-Cause Post Accident	6	0 / 0	0	0/0	5	0 / 0
For-Cause Observed Behavior	0	0 / 0	0	0/0	3	0 / 0
Random	246	0 / 0	0	0/0	84	0 / 0
Follow-Up	0	0 / 0	0	0/0	8	0 / 0
Other	0	0 / 0	0	0/0	0	0 / 0
<b>Total</b>	<b>286</b>	<b>0 / 0</b>	<b>0</b>	<b>0/0</b>	<b>1134</b>	<b>10 / 10</b>

**Breakdown of Confirmed Positive Tests for Specific Substances**

	<b>Marijuana</b>	<b>Cocaine</b>	<b>Opiates</b>	<b>Amphetamines</b>	<b>Phencyclidine</b>	<b>Alcohol</b>	<b>Refusal To Test</b>
<b>Licensee Employees</b>	0	0	0	0	0	0	0
<b>Long-Term Contractors</b>	0	0	0	0	0	0	0
<b>Short-Term Contractors</b>	4	4	0	0	0	2	1
<b>Total</b>	<b>4</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>

**Breakdown of Confirmed Positive Tests for Marijuana**  
(Initial screening cut-off level = 50 ng/ml)

	<b>≥ 50 ng/ml &lt; 100 ng/ml</b>	<b>≥ 100 ng/ml</b>
<b>Licensee Employees</b>	0	0
<b>Long-Term Contractors</b>	0	0
<b>Short-Term Contractors</b>	1	3
<b>Total</b>	<b>1</b>	<b>3</b>

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

Virginia Electric and Power Company

Company

December 31, 2002

Six Months Ending

SURRY PWR STA

Location

(804)273-3598

Phone

O. H. Wegman

Contact Name

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		Long Term Contractor Personnel		Short-Term Contractor Personnel	
	Average Number with Unescorted Access					
Categories	Number Tested	DHHS/NRC Positive	Number Tested	DHHS/NRC Positive	Number Tested	DHHS/NRC Positive
Average Number with Unescorted Access	961.55				145.96	
Pre-Access	31	0 / 0	0	0 / 0	70	2 / 2
For-Cause Post Accident	1	0 / 0	0	0 / 0	1	0 / 0
For-Cause Observed Behavior	0	0 / 0	0	0 / 0	0	0 / 0
Random	252	0 / 0	0	0 / 0	36	0 / 0
Follow-Up	9	0 / 0	0	0 / 0	0	0 / 0
Other	0	0 / 0	0	0 / 0	0	0 / 0
<b>Total</b>	<b>293</b>	<b>0 / 0</b>	<b>0</b>	<b>0 / 0</b>	<b>107</b>	<b>2 / 2</b>

**Breakdown of Confirmed Positive Tests for Specific Substances**

	<b>Marijuana</b>	<b>Cocaine</b>	<b>Opiates</b>	<b>Amphetamines</b>	<b>Phencyclidine</b>	<b>Alcohol</b>	<b>Refusal To Test</b>
<b>Licensee Employees</b>	0	0	0	0	0	0	0
<b>Long-Term Contractors</b>	0	0	0	0	0	0	0
<b>Short-Term Contractors</b>	1	1	0	0	0	0	0
<b>Total</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Breakdown of Confirmed Positive Tests for Marijuana**  
(Initial screening cut-off level = 50 ng/ml)

	<b>≥ 50 ng/ml &lt; 100 ng/ml</b>	<b>≥ 100 ng/ml</b>
<b>Licensee Employees</b>	0	0
<b>Long-Term Contractors</b>	0	0
<b>Short-Term Contractors</b>	0	1
<b>Total</b>	<b>0</b>	<b>1</b>

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

**Virginia Electric and Power Company**

Company

**December 31, 2002**

Six Months Ending

**INNSBROOK**

Location

**(804)273-3598**

Phone

**O. H. Wegman**

Contact Name

**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		Long Term Contractor Personnel		Short-Term Contractor Personnel	
	Number Tested	DHHS/NRC Positive	Number Tested	DHHS/NRC Positive	Number Tested	DHHS/NRC Positive
Average Number with Unescorted Access	387.49				27.12	
Pre-Access	26	0/0	0	0/0	8	0/0
For-Cause Post Accident	0	0/0	0	0/0	0	0/0
For-Cause Observed Behavior	0	0/0	0	0/0	0	0/0
Random	98	0/0	0	0/0	8	0/0
Follow-Up	0	0/0	0	0/0	0	0/0
Other	0	0/0	0	0/0	0	0/0
<b>Total</b>	<b>124</b>	<b>0/0</b>	<b>0</b>	<b>0/0</b>	<b>16</b>	<b>0/0</b>

### Breakdown of Confirmed Positive Tests for Specific Substances

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal To Test
Licensee Employees	0	0	0	0	0	0	0
Long-Term Contractors	0	0	0	0	0	0	0
Short-Term Contractors	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0

### Breakdown of Confirmed Positive Tests for Marijuana (Initial screening cut-off level = 50 ng/ml)

	≥ 50 ng/ml < 100 ng/ml	≥ 100 ng/ml
Licensee Employees	0	0
Long-Term Contractors	0	0
Short-Term Contractors	0	0
Total	0	0

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



**Customer:** Dominion Generation - Surry and North Anna Power Stations

<p><b>1</b> Westinghouse Electric Company LLC Company</p>	<p><b>2</b> December 31, 2002 Six months ending</p>																																
<p><b>3</b> PO Box 158, BIN 38, Madison, PA 15663 Location</p>																																	
<p><b>4</b> Peter J. Defilippi Contact Name</p>	<p><b>5</b> 724-722-5721/5718 Phone (include area code)</p>																																
<p><b>6</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Cutoffs: Screen/Confirmation (ng/ml)</td> <td colspan="2" style="text-align: right;">€ Appendix A to 10CFR26</td> </tr> <tr> <td>Marijuana</td> <td>20/15</td> <td>Amphetamines</td> <td>300/300</td> </tr> <tr> <td>Barbiturates</td> <td>300/300</td> <td></td> <td></td> </tr> <tr> <td>Cocaine</td> <td>300/150</td> <td>Phencyclidine</td> <td>25/25</td> </tr> <tr> <td>Benzodiazepines</td> <td></td> <td>300/300</td> <td></td> </tr> <tr> <td>Opiates</td> <td>300/300</td> <td>Alcohol (% BAC)</td> <td>0.04%</td> </tr> <tr> <td>Methadone</td> <td>300/300</td> <td></td> <td></td> </tr> <tr> <td>Methaqualone</td> <td>300/300</td> <td></td> <td></td> </tr> </table>		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		
Cutoffs: Screen/Confirmation (ng/ml)		€ Appendix A to 10CFR26																															
Marijuana	20/15	Amphetamines	300/300																														
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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	<b>7</b>	700		0		840	
Categories	<b>8</b>	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		27	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	27	0	0	0	2	0

## Breakdown of Confirmed Positive Tests for Specific Substances

9	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to Test	Adulterants	1	2	3	4	0
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

12/31/02  
6 MONTHS ENDING

Atlanta, Georgia  
LOCATION

Jeffrey T. Wheelock  
CONTACT NAME

770/644-8000  
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		199		52	
CATEGORIES		# TESTED	# POSITIVE	# TESTED	# POSITIVE
PRE-ACCESS		7	0	20	0
FOR CAUSE	POST ACCIDENT	0	0	0	0
	OBSERVED BEHAVIOR	0	0	0	0
RANDOM		64	0	26	0
FOLLOW-UP		0	0	0	0
OTHER		0	0	0	0
TOTAL		71	0	46	0

**RANDOM TEST PROGRAM RESULTS**

INDIVIDUALS TESTED		1998		1999		2000		2001		2002	
Number Positive		0	0	0	0	0	1	0	0	0	0
Number Negative		81	82	84	86	84	81	82	83	79	90
% POSITIVE		N/A	N/A	N/A	N/A	N/A	1.22%	N/A	N/A	N/A	N/A
GRAPH OF % POSITIVE	4										
	3										
	2										
	1								<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