

**VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261**

August 20, 2003

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

Serial No.: 03-446  
NLOS/MM  
Docket Nos.: 50-280/281  
50-338/339  
License Nos.: DPR-32/37  
NPF-4/7

**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 January 1, 2003 through June 30, 2003. 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

AD21

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. G. J. McCoy  
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**

**JANUARY 1 THROUGH JUNE 30, 2003**

## **DOMINION EMPLOYEES**

### **PRE-ACCESS TESTS**

(Resulted in denial of unescorted access authorization.)

Confirmed positive test for illegal drug 1

### **FOR-CAUSE TESTS**

(Resulted in suspension of unescorted access, referral to EAP for treatment, and placement in follow-up testing program.)

Confirmed positive test for alcohol 1

## **CONTRACTOR EMPLOYEES**

### **PRE-ACCESS TESTS**

(Resulted in denial of unescorted access authorization.)

Confirmed positive tests for illegal drug 12

### **FOR-CAUSE TESTS**

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

Confirmed positive tests for alcohol 1

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

**JANUARY 1 THROUGH JUNE 30, 2003**

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

**SUMMARY OF EVENTS REPORTED TO THE NRC BY DOMINION**

**JANUARY 1 THROUGH JUNE 30, 2003**

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

**DOMINION RANDOM TESTING RATE**  
**JANUARY 1 THROUGH JUNE 30, 2003**

**Dominion Random Testing Rate: 52.29%**

	<u><b>Employees</b></u>	<u><b>Contractors</b></u>
<b>Surry Power Station</b>	<b>53.18</b>	<b>52.37</b>
<b>North Anna Power Station</b>	<b>51.99</b>	<b>52.00</b>
<b>Innsbrook Technical Center</b>	<b>52.00</b>	<b>38.82</b>

**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

**June 30, 2003**

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	
Average Number with Unescorted Access	926.98				360.68	
Categories	Number Tested	DHHS/NRC Positive	Number Tested	DHHS/NRC Positive	Number Tested	DHHS/NRC Positive
Pre-Access	53	0 / 0	0	0/0	705	7 / 7
For-Cause Post Accident	2	0 / 0	0	0/0	7	0 / 0
For-Cause Observed Behavior	2	1 / 1	0	0/0	4	0 / 0
Random	239	0 / 0	0	0/0	93	0 / 0
Follow-Up	3	0 / 0	0	0/0	6	0 / 0
Other	0	0 / 0	0	0/0	0	0 / 0
Total	299	1 / 1	0	0/0	815	7 / 7

### Breakdown of Confirmed Positive Tests for Specific Substances

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal To Test
Licensee Employees	0	0	0	0	0	1	0
Long-Term Contractors	0	0	0	0	0	0	0
Short-Term Contractors	5	1	0	1	0	0	0
Total	5	1	0	1	0	1	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	5	0
Total	5	0

### Breakdown of Confirmed Positive Tests for Specific Substances

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to Test	Barbiturates	Benzodiazepines	Methaqualone
Licensee Employees	0	0	0	0	0	1	0	0	0	0
Long Term Contractors	0	0	0	0	0	0	0	0	0	0
Short Term Contractors	5	1	1	0	0	0	0	0	0	0
Total	5	1	1	0	0	1	0	0	0	0

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

**Virginia Electric and Power Company**

Company

**June 30, 2003**

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	970.71				485.20	
Categories	Number Tested	DHHS/NRC Positive	Number Tested	DHHS/NRC Positive	Number Tested	DHHS/NRC Positive
Pre-Access	38	1 / 1	0	0 / 0	530	5 / 5
For-Cause Post Accident	3	0 / 0	0	0 / 0	6	0 / 0
For-Cause Observed Behavior	0	0 / 0	0	0 / 0	3	1 / 1
Random	256	0 / 0	0	0 / 0	126	0 / 0
Follow-Up	7	0 / 0	0	0 / 0	4	0 / 0
Other	0	0 / 0	0	0 / 0	0	0 / 0
Total	304	1 / 1	0	0 / 0	669	6 / 6

### Breakdown of Confirmed Positive Tests for Specific Substances

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal To Test
Licensee Employees	1	0	0	0	0	0	0
Long-Term Contractors	0	0	0	0	0	0	0
Short-Term Contractors	3	1	0	1	0	1	0
Total	4	1	0	1	0	1	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	1
Long-Term Contractors	0	0
Short-Term Contractors	1	2
Total	1	3

## Breakdown of Confirmed Positive Tests for Specific Substances

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to Test	Barbiturates	Benzodiazepines	Methaqualone
Licensee Employees	1	0	0	0	0	0	0	0	0	0
Long Term Contractors	0	0	0	0	0	0	0	0	0	0
Short Term Contractors	3	1	0	1	0	1	0	0	0	0
Total	4	1	0	1	0	1	0	0	0	0

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

**Virginia Electric and Power Company**

Company

**June 30, 2003**

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
Opates	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	387.82				31.17	
Categories	Number Tested	DHHS/NRC Positive	Number Tested	DHHS/NRC Positive	Number Tested	DHHS/NRC Positive
Pre-Access	31	0 / 0	0	0/0	18	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	100	0 / 0	0	0/0	6	0 / 0
Follow-Up	0	0 / 0	0	0/0	0	0 / 0
Other	0	0 / 0	0	0/0	0	0 / 0
Total	131	0 / 0	0	0/0	24	0 / 0

### 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

### Breakdown of Confirmed Positive Tests for Specific Substances

[illegible]

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



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

<b>1</b> Westinghouse Electric Company LLC <div style="text-align: center;">Company</div>	<b>2</b> June 30, 2003 <div style="text-align: center;">Six months ending</div>																								
<b>3</b> PO Box 158, BIN 38, Madison, PA 15663 <div style="text-align: center;">Location</div>																									
<b>4</b> Peter J. Defilippi <div style="text-align: center;">Contact Name</div>	<b>5</b> 724-722-5721/5718 <div style="text-align: center;">Phone (include area code)</div>																								
<b>6</b> Cutoffs: Screen/Confirmation (ng/ml)      € Appendix A to 10CFR26																									
<table style="width: 100%; border: none;"> <tr> <td style="width: 20%;">Marijuana</td> <td style="width: 20%;">20/15</td> <td style="width: 20%;">Amphetamines</td> <td style="width: 20%;">300/300</td> <td style="width: 20%;">Barbiturates</td> <td style="width: 20%;">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		<b>7</b> 700		0		840	
Categories		<b>8</b> # Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		33	0	0	0	3	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		33	0	0	0	3	0

## Breakdown of Confirmed Positive Tests for Specific Substances

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

### 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

06/30/03

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		187		53	
CATEGORIES		# TESTED	# POSITIVE	# TESTED	# POSITIVE
PRE-ACCESS		7	0	26	0
FOR CAUSE	POST ACCIDENT	0	0	0	0
	OBSERVED BEHAVIOR	0	0	0	0
RANDOM		53	1	22	0
FOLLOW-UP		4	0	0	0
OTHER		0	0	0	0
TOTAL		64	0	48	0

**RANDOM TEST PROGRAM RESULTS**

INDIVIDUALS TESTED		1999		2000		2001		2002		2003	
Number Positive		0	0	0	1	0	0	0	0	1	
Number Negative		84	86	84	81	82	83	79	90	74	
% POSITIVE		N/A	N/A	N/A	1.22%	N/A	N/A	N/A	N/A	1.35%	
GRAPH OF % POSITIVE	4										
	3										
	2										
	1				<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	1	0	1
OPIATES	0	0	0
PHENCYCLIDINE	0	0	0