

VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261

February 15, 2001

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

Serial No.: 01-071  
NLOS/MM  
Docket Nos.: 50-280/281  
50-338/339  
License Nos.: DPR-32/37  
NPF-4/7

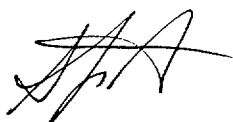
Gentlemen:

**VIRGINIA ELECTRIC AND POWER COMPANY**  
**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, 2000 through December 31, 2000. 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,



S. P. Sarver, Acting Director  
Nuclear Licensing and Operations Support

Commitments made in this letter: None

Attachments:

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

AC21

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, 2000**

### **VIRGINIA ELECTRIC AND POWER COMPANY (DOMINION) EMPLOYEES**

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

(Resulted in 30-day disciplinary suspension, referral to Employee Assistance Program, and placement in a follow-up testing program.)

Confirmed positive tests for illegal drugs	<b>2</b>
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### **CONTRACTOR EMPLOYEES**

#### **RANDOM TESTS**

(Resulted in revocation and denial of unescorted access authorization)

Confirmed positive tests for alcohol	<b>1</b>
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#### **PRE-ACCESS TESTS**

(Resulted in denial of unescorted access authorization)

Confirmed positive tests for illegal drugs	<b>10</b>
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Confirmed positive tests for alcohol	<b>1</b>
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#### **FOR-CAUSE TESTS**

(Resulted in revocation and denial of unescorted access authorization)

Confirmed positive tests for alcohol	<b>1</b>
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**SUMMARY OF MANAGEMENT ACTIONS  
COMPLETED TO IMPROVE THE FFD PROGRAM**

**JULY 1 THROUGH DECEMBER 31, 2000**

Dominion made no significant changes to the Fitness for Duty Program during this reporting period.

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

**JULY 1 THROUGH DECEMBER 31, 2000**

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

**DOMINION RANDOM TESTING RATE**  
**JULY 1 THROUGH DECEMBER 31, 2000**

**Dominion Random Testing Rate: 50.55%**

	<u>Employees</u>	<u>Contractors</u>
Surry Power Station	50.19	49.35
North Anna Power Station	50.45	49.92
Innsbrook Technical Center	51.96	58.25

**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, 2000**

Six Months Ending

**SURRY PWR STA**

Location

**(804)273-3598**

Phone

**T. S. Brazil**

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	879.84			237.82	
Categories	Number Tested	DHHS/NRC Positive	Number Tested	DHHS/NRC Positive	Number Tested	DHHS/NRC Positive
Pre-Access	21	0 / 0	0	0/0	752	11 / 11
For-Cause Post Accident	3	0 / 0	0	0/0	1	0 / 0
For-Cause Observed Behavior	0	0 / 0	0	0/0	2	1 / 1
Random	222	0 / 0	0	0/0	59	1 / 1
Follow-Up	8	0 / 0	0	0/0	1	0 / 0
Other	0	0 / 0	0	0/0	0	0 / 0
<b>Total</b>	<b>254</b>	<b>0 / 0</b>	<b>0</b>	<b>0/0</b>	<b>815</b>	<b>13 / 13</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	4	6	0	0	0	3	0
<b>Total</b>	<b>4</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>

### 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	2	2
<b>Total</b>	<b>2</b>	<b>2</b>

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

**Virginia Electric and Power Company**

Company

**December 31, 2000**

Six Months Ending

**N. ANNA PWR STA**

Location

**(804)273-3598**

Phone

**T. S. Brazil**

Contact Name

Cutoffs: Screen / Confirmation (ng/ml)

Appendix A to 10 CFR 26

Marijuana 50/15  
Cocaine 300/150  
Opiates 300/300

Amphetamines 1000/500  
Phencyclidine 25/25  
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
Pre-Access	49	2 / 2	0	0/0	52	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	210	0 / 0	0	0/0	18	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>259</b>	<b>2 / 2</b>	<b>0</b>	<b>0/0</b>	<b>70</b>	<b>0 / 0</b>

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

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal To Test
Licensee Employees	2	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
<b>Total</b>	<b>2</b>	<b>0</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)

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

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

**Virginia Electric and Power Company**

Company

**December 31, 2000**

Six Months Ending

**INNSBROOK**

Location

**(804)273-3598**

Phone

**T. S. Brazil**

Contact Name

Cutoffs: Screen / Confirmation (ng/ml)

Appendix A to 10 CFR 26

Marijuana 50/15  
Cocaine 300/150  
Opiates 300/300

Amphetamines 1000/500  
Phencyclidine 25/25  
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
Pre-Access	359.88				30.73	
	27	0 / 0	0	0/0	5	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	94	0 / 0	0	0/0	9	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>121</b>	<b>0 / 0</b>	<b>0</b>	<b>0/0</b>	<b>14</b>	<b>0 / 0</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>	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</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	0
<b>Total</b>	<b>0</b>	<b>0</b>

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



**Customer:** Virginia Power Company - Surry and North Anna Power Stations

<b>1</b> Westinghouse Electric Company Company	<b>2</b> December 31, 2000 Six months ending																								
<b>3</b> PO Box 158, BIN 38, Madison, PA 15663 Location																									
<b>4</b> Peter J. Defilippi / Betty L. Engle Contact Name	<b>5</b> 724-722-5721/ 5719 Phone (include area code)																								
<b>6</b> 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	
		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Average Number with Unescorted Access		<b>7</b> 1200		180		170	
Categories		<b>8</b>		# Tested	# Positive	# Tested	# Positive
Pre-Access		2	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		2	0	0	0	0	0

## Breakdown of Confirmed Positive Tests for Specific Substances

<b>9</b>	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	
<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

12/31/2000

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	<del>400/15</del> 50/15	OPIATES	300/300

TESTING RESULTS		PERMANENT EMPLOYEES		LOANED EMPLOYEES	
AVERAGE NUMBER WITH UNESCORTED ACCESS		218		48	
CATEGORIES		# TESTED	# POSITIVE	# TESTED	# POSITIVE
PRE-ACCESS		19	0	24	0
FOR CAUSE	POST ACCIDENT	0	0	0	0
	OBSERVED BEHAVIOR	0	0	0	0
RANDOM		70	0	12	1
FOLLOW-UP		2	0	2	0
OTHER		0	0	0	0
TOTAL		91	0	38	1

**RANDOM TEST PROGRAM RESULTS**

INDIVIDUALS TESTED		1997		1998		1999		2000		2001	
Number Positive		0	0	0	0	0	0	0	1		
Number Negative		82	90	81	82	84	86	84	81		
% POSITIVE		N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.22%		
GRAPH OF % POSITIVE	4										
	3										
	2										
	1								<1		
	0										

**BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES**

	PERMANENT EMPLOYEES	LOANED EMPLOYEES	TOTAL
ALCOHOL	0	1	1
AMPHETAMINES	0	0	0
COCAINE	0	0	0
MARIJUANA	0	0	0
OPIATES	0	0	0
PHENCYCLIDINE	0	0	0