

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

August 8, 2002

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

Serial No.: 02-480  
NLOS/MM  
Docket Nos.: 50-280/281  
50-338/339  
License Nos.: DPR-32/37  
NPF-4/7

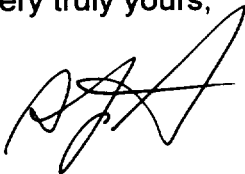
Gentlemen:

**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 January 1, 2002 through June 30, 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,



S. P. Sarver, 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**

**JANUARY 1 THROUGH JUNE 30, 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**

### **RANDOM TESTS**

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

Confirmed positive tests for illegal drug	1
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### **PRE-ACCESS TESTS**

(Resulted in denial of unescorted access authorization.)

Confirmed positive tests for illegal drug	10
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Confirmed positive tests for alcohol	1
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Failure to cooperate / Refusal to test	2
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### **FOR-CAUSE TESTS**

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

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

**JANUARY 1 THROUGH JUNE 30, 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**

**JANUARY 1 THROUGH JUNE 30, 2002**

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

**DOMINION RANDOM TESTING RATE**  
**JANUARY 1 THROUGH JUNE 30, 2002**

**Dominion Random Testing Rate: 51.17%**

	<u>Employees</u>	<u>Contractors</u>
Surry Power Station	51.19	54.31
North Anna Power Station	50.70	51.05
Innsbrook Technical Center	50.32	46.86

**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, 2002**

Six Months Ending

**N. ANNA PWR STA**

Location

**(804)273-3142**

Phone

**W. F. Renz**

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	902.81				98.75	
Pre-Access	56	0 / 0	0	0/0	48	0 / 0
For-Cause Post Accident	3	0 / 0	0	0/0	0	0 / 0
For-Cause Observed Behavior	1	0 / 0	0	0/0	3	0 / 0
Random	227	0 / 0	0	0/0	25	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>287</b>	<b>0 / 0</b>	<b>0</b>	<b>0/0</b>	<b>76</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

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

**Virginia Electric and Power Company**

Company

**June 30, 2002**

Six Months Ending

**SURRY PWR STA**

Location

**(804)273-3142**

Phone

**W. F. Renz**

Contact Name

**Cutoffs: Screen / Confirmation (ng/ml)**

Appendix A to 10 CFR 26

<b>Marijuana</b>	50/15	<b>Amphetamines</b>	1000/500
<b>Cocaine</b>	300/150	<b>Phencyclidine</b>	25/25
<b>Opiates</b>	300/300	<b>Alcohol (%BAC)</b>	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
<b>Average Number with Unescorted Access</b>	925.72				274.79	
<b>Pre-Access</b>	57	0 / 0	0	0/0	783	10 / 10
<b>For-Cause Post Accident</b>	2	0 / 0	0	0/0	1	0 / 0
<b>For-Cause Observed Behavior</b>	0	0 / 0	0	0/0	3	1 / 1
<b>Random</b>	235	0 / 0	0	0/0	74	1 / 1
<b>Follow-Up</b>	11	0 / 0	0	0/0	3	0 / 0
<b>Other</b>	0	0 / 0	0	0/0	0	0 / 0
<b>Total</b>	<b>305</b>	<b>0 / 0</b>	<b>0</b>	<b>0/0</b>	<b>864</b>	<b>12 / 12</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>	5	6	0	0	0	2	2
<b>Total</b>	<b>5</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</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>	3	2
<b>Total</b>	<b>3</b>	<b>2</b>

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

**Virginia Electric and Power Company**

Company

**June 30, 2002**

Six Months Ending

**INNSBROOK**

Location

**(804)273-3142**

Phone

**W. F. Renz**

Contact Name

**Cutoffs: Screen / Confirmation (ng/ml)**

Appendix A to 10 CFR 26

<b>Marijuana</b>	50/15	<b>Amphetamines</b>	1000/500
<b>Cocaine</b>	300/150	<b>Phencyclidine</b>	25/25
<b>Opiates</b>	300/300	<b>Alcohol (%BAC)</b>	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	29	0 / 0	0	0 / 0	12	1 / 1
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	96	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
<b>Total</b>	<b>125</b>	<b>0 / 0</b>	<b>0</b>	<b>0 / 0</b>	<b>18</b>	<b>1 / 1</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	0	0	0	0	0	0
<b>Total</b>	<b>1</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	1
<b>Total</b>	<b>0</b>	<b>1</b>

# 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	<b>2</b> June 30, 2002				
Company	Six months ending				
<b>3</b> PO Box 158, BIN 38, Madison, PA 15663					
Location					
<b>4</b> Peter J. Defilippi	<b>5</b> 724-722-5721/5718				
Contact Name	Phone (include area code)				
<b>6</b>					
Cutoffs: Screen/Confirmation (ng/ml) <input type="checkbox"/> 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

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>	700		0		840	
Categories <b>8</b>	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	12	0	0	0	1	0
For Cause	Post accident	0	0	0	0	0
	Observed behavior	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
<b>Total</b>	12	0	0	0	1	0

## Breakdown of Confirmed Positive Tests for Specific Substances

<b>9</b>	<b>Marijuana</b>	<b>Cocaine</b>	<b>Opiates</b>	<b>Amphe- tamines</b>	<b>Phency- clidine</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

06/30/02  
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		201		51	
CATEGORIES		# TESTED	# POSITIVE	# TESTED	# POSITIVE
PRE-ACCESS		7	0	11	0
FOR CAUSE	POST ACCIDENT	0	0	0	0
	OBSERVED BEHAVIOR	0	0	0	0
RANDOM		60	0	19	0
FOLLOW-UP		0	0	0	0
OTHER		0	0	0	0
TOTAL		67	0	30	0

**RANDOM TEST PROGRAM RESULTS**

INDIVIDUALS TESTED		1998		1999		2000		2001		2002	
Number Positive		0	0	0	0	0	1	0	0	0	
Number Negative		81	82	84	86	84	81	82	83	79	
% POSITIVE		N/A	N/A	N/A	N/A	N/A	1.22%	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