

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

February 3, 2000

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

Serial No.: 00-040  
NLOS/MM  
Docket Nos.: 50-280/281  
50-338/339  
License Nos.: DPR-32/37  
NPF-4/7

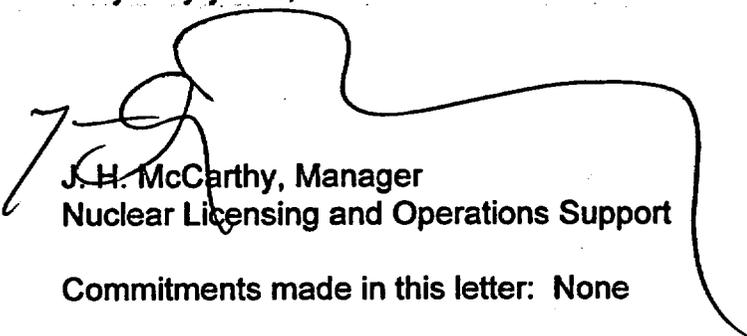
Gentlemen:

**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 Semi-Annual Fitness for Duty (FFD) Program Performance Data Report for July 1, 1999 through December 31, 1999. 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), and Westinghouse Electric Corporation.

Very truly yours,

  
J. H. McCarthy, Manager  
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  
Atlanta Federal Center  
61 Forsyth St., SW, Suite 23 T85  
Atlanta, GA 30303-3415**

**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, 1999**

## **VIRGINIA ELECTRIC AND POWER COMPANY EMPLOYEES**

No Virginia Electric and Power Company employees were sanctioned during this reporting period.

## **CONTRACTOR EMPLOYEES**

### **PRE-ACCESS TESTS**

**(Resulted in denial of unescorted access authorization)**

Confirmed positive tests for illegal drugs	<b>9</b>
Confirmed positive tests for alcohol	<b>1</b>

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

**JULY 1 THROUGH DECEMBER 31, 1999**

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

**SUMMARY OF EVENTS REPORTED TO THE NRC BY  
VIRGINIA ELECTRIC AND POWER COMPANY**

**JULY 1 THROUGH DECEMBER 31, 1999**

**No Fitness for Duty Program-related events were reported to the NRC during this reporting period.**

**VIRGINIA ELECTRIC AND POWER COMPANY**

**RANDOM TESTING RATE**

**JULY 1 THROUGH DECEMBER 31, 1999**

**Virginia Electric and Power Company  
Random Testing Rate:**

**50.76%**

	<u>Employees</u>	<u>Contractors</u>
Surry Power Station	50.33	47.13
North Anna Power Station	50.67	52.58
Innsbrook Technical Center	50.92	61.43

**ATTACHMENT 2**

**FFD DATA FORMS**

**NORTH ANNA POWER STATION**

**SURRY POWER STATION**

**INNSBROOK TECHNICAL CENTER**

**WESTINGHOUSE ELECTRIC CORPORATION**

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

<u>Virginia Electric and Power Company</u>	<u>December 31, 1999</u>		
Company	Six Months Ending		
<u>N. ANNA PWR STA</u>	<u>(804)273-2735</u>		
Location	Phone		
<u>W. R. Runner, Jr.</u>			
Contact Name			
Cutoffs: Screen / Confirmation (ng/ml) <span style="float: right;"><input type="checkbox"/> Appendix A to 10 CFR 26</span>			
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	861.25				237.67	
Categories	Number Tested	DHHS/NRC Positive	Number Tested	DHHS/NRC Positive	Number Tested	DHHS/NRC Positive
Pre-Access	13	0 / 0	0	0/0	780	9 / 9
For-Cause Post Accident	3	0 / 0	0	0/0	8	0 / 0
For-Cause Observed Behavior	0	0 / 0	0	0/0	3	0 / 0
Random	220	0 / 0	0	0/0	63	0 / 0
Follow-Up	2	0 / 0	0	0/0	6	0 / 0
Other	0	0 / 0	0	0/0	0	0 / 0
<b>Total</b>	<b>238</b>	<b>0 / 0</b>	<b>0</b>	<b>0/0</b>	<b>860</b>	<b>9 / 9</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	6	2	0	0	0	1	0
Total	6	2	0	0	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	4	2
Total	4	2

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

**Virginia Electric and Power Company**

Company

**December 31, 1999**

Six Months Ending

**SURRY PWR STA**

Location

**(804)273-2735**

Phone

**W. R. Runner, Jr.**

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	910.46			109.44	
Categories	Number Tested	DHHS/NRC Positive	Number Tested	DHHS/NRC Positive	Number Tested	DHHS/NRC Positive
Pre-Access	15	0 / 0	0	0/0	33	1 / 1
For-Cause Post Accident	1	0 / 0	0	0/0	0	0 / 0
For-Cause Observed Behavior	0	0 / 0	0	0/0	0	0 / 0
Random	231	0 / 0	0	0/0	26	0 / 0
Follow-Up	3	0 / 0	0	0/0	1	0 / 0
Other	0	0 / 0	0	0/0	0	0 / 0
<b>Total</b>	<b>250</b>	<b>0 / 0</b>	<b>0</b>	<b>0/0</b>	<b>60</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>	1	0	0	0	0	0	0

**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>	0	1

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

**Virginia Electric and Power Company**

Company

**December 31, 1999**

Six Months Ending

**INNSBROOK**

Location

**(804)273-2735**

Phone

**W. R. Runner, Jr.**

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%

Barbiturates

Testing Results	Licensee Employees		Long Term Contractor Personnel		Short-Term Contractor Personnel	
	Average Number with Unescorted Access -	397.35			35.52	
Categories	Number Tested	DHHS/NRC Positive	Number Tested	DHHS/NRC Positive	Number Tested	DHHS/NRC Positive
Pre-Access	17	0 / 0	0	0/0	12	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	102	0 / 0	0	0/0	11	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>119</b>	<b>0 / 0</b>	<b>0</b>	<b>0/0</b>	<b>23</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>	0	0	0	0	0	0	0

**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>	0	0

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



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

<p><b>1</b> Westinghouse Electric Company Company</p>	<p><b>2</b> December 31, 1999 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 / Betty L. Engle Contact Name</p>	<p><b>5</b> 724-722-5721/ 5719 Phone (include area code)</p>																								
<p><b>6</b></p> <p>Cutoffs: Screen/Confirmation (ng/ml)      <input type="checkbox"/> Appendix A to 10CFR26</p> <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	<b>7</b> 1200		180		170	
Categories	<b>8</b> # Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	20	0	2	0	0	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>	<b>20</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>

## 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	
<b>TOTAL</b>	0	0	0	0	0	0	0	0	0	0	0	0	0

### LEGEND

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