

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

August 5, 1999

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

Serial No.: 99-390
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 January 1, 1999 through June 30, 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

9908120052 990805
PDR ADOCK 05000280
R PDR

1/1
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

U.S. Nuclear Regulatory Commission
Division of Reactor Inspection and Safeguards
One White Flint North
11555 Rockville Pike
Rockville, Maryland 20852-2738

ATTACHMENT 1

**SUMMARY OF EVENTS AND
MANAGEMENT ACTIONS**

SUMMARY OF MANAGEMENT SANCTIONS IMPOSED

JANUARY 1 THROUGH JUNE 30, 1999

VIRGINIA ELECTRIC AND POWER COMPANY EMPLOYEES

FOLLOW-UP TESTS

(Resulted in termination of employment, revocation and denial of unescorted access authorization)

Confirmed positive tests for illegal drugs	1
--	----------

CONTRACTOR EMPLOYEES

RANDOM TESTS

(Resulted in revocation and denial of unescorted access authorization)

Confirmed positive tests for illegal drugs	1
--	----------

PRE-ACCESS TESTS

(Resulted in denial of unescorted access authorization)

Confirmed positive tests for illegal drugs	21
--	-----------

Confirmed positive tests for alcohol	1
--------------------------------------	----------

Refusal to test/Failure to Cooperate	1
--------------------------------------	----------

FOR-CAUSE TESTS

(Resulted in revocation and denial of unescorted access authorization)

Confirmed positive tests for illegal drugs	1
--	----------

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

JANUARY 1 THROUGH JUNE 30, 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**

JANUARY 1 THROUGH JUNE 30, 1999

On February 23, 1999, Virginia Power reported (Event No. 35396) that a contract supervisor at Surry Power Station had been arrested offsite and charged with possession of a controlled substance. On March 1, 1999, Virginia Power updated this report when the for-cause testing results for this supervisor were confirmed positive for an illegal drug.

VIRGINIA ELECTRIC AND POWER COMPANY

RANDOM TESTING RATE

JANUARY 1 THROUGH JUNE 30, 1999

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

49.98%

	<u>Employees</u>	<u>Contractors</u>
Surry Power Station	50.0	51.9
North Anna Power Station	49.7	47.5
Innsbrook Technical Center	49.9	46.9

ATTACHMENT 2

FFD DATA FORMS

SURRY POWER STATION

NORTH ANNA POWER STATION

INNSBROOK TECHNICAL CENTER

WESTINGHOUSE ELECTRIC CORPORATION

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

Virginia Electric and Power Company

Company

June 30, 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	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	918.93				303.03	
Categories	Number Tested	DHHS/NRC Positive	Number Tested	DHHS/NRC Positive	Number Tested	DHHS/NRC Positive
Pre-Access	16	0 / 0	0	0/0	830	22 / 22
For-Cause Post Accident	0	0 / 0	0	0/0	1	0 / 0
For-Cause Observed Behavior	0	0 / 0	0	0/0	4	1 / 1
Random	228	0 / 0	0	0/0	78	1 / 1
Follow-Up	6	0 / 0	0	0/0	0	0 / 0
Other	0	0 / 0	0	0/0	0	0 / 0
Total	250	0 / 0	0	0/0	913	24 / 24

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	14	11	0	0	0	1	1
Total	14	11	0	0	0	1	1

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	12
Total	2	12

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

Virginia Electric and Power Company

Company

June 30, 1999

Six Months Ending

N. ANNA 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	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	872.30				106.14	
Categories	Number Tested	DHHS/NRC Positive	Number Tested	DHHS/NRC Positive	Number Tested	DHHS/NRC Positive
Pre-Access	17	0 / 0	0	0/0	53	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	1	0 / 0
Random	215	0 / 0	0	0/0	25	0 / 0
Follow-Up	6	1 / 1	0	0/0	3	0 / 0
Other	0	0 / 0	0	0/0	0	0 / 0
Total	238	1 / 1	0	0/0	82	0 / 0

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	0	0	0	0	0	0	0
Total	1	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	1
Long-Term Contractors	0	0
Short-Term Contractors	0	0
Total	0	1

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

Virginia Electric and Power Company

Company

June 30, 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	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	375.64				38.69	
Categories	Number Tested	DHHS/NRC Positive	Number Tested	DHHS/NRC Positive	Number Tested	DHHS/NRC Positive
Pre-Access	13	0 / 0	0	0/0	11	0 / 0
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	93	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
Total	107	0 / 0	0	0/0	20	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

Westinghouse Fitness for Duty Program

Performance Data

Personnel Subject to 10CFR26



Customer: Virginia Power Company - Surry and North Anna Stations

1 Westinghouse Electric Company <div style="text-align: center;">Company</div>	2 June 30, 1999 <div style="text-align: center;">Six months ending</div>																								
3 P.O. Box 158, BIN 38, Madison, PA 15663 <div style="text-align: center;">Location</div>																									
4 Peter J. Defilippi / Betty L. Engle <div style="text-align: center;">Contact Name</div>	5 (724) 722-5721 / 5719 <div style="text-align: center;">Phone (include area code)</div>																								
6 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	
Average Number with Unescorted Access 7		2200		0		180	
Categories 8		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		33	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		33	0	0	0	0	0

Breakdown of Confirmed Positive Tests for Specific Substances

9	Marijuana	Cocaine	Opiates	Amphe- tamines	Phency- clidine	Alcohol	Refusal to Test	1	2	3	4	
Employees	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	
Short-Term Contractors	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0

LEGEND

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