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

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. 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%**

	Employees	Contractors
Surry Power Station	53.18	52.37
North Anna Power Station	51.99	52.00
Innsbrook Technical Center	52.00	38.82

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
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	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

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to Test	Barbiturates	Benzodiazepines	Methaqualone
Licensee Employees	0	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	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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

Customer: Dominion Generation - Surry and North Anna Power Stations

1 Westinghouse Electric Company LLC Company	**2** June 30, 2003 Six months ending
3 PO Box 158, BIN 38, Madison, PA 15663 Location	
4 Peter J. Defilippi Contact Name	**5** 724-722-5721/5718 Phone (include area code)

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Cutoffs: Screen/Confirmation (ng/ml) € 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**	
Average Number with Unescorted Access **7**		700		0		840	
Categories **8**		# 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

9	Marijuana	Cocaine	Opiates	Amphe-tamines	Phency-clidine	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	
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0

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%

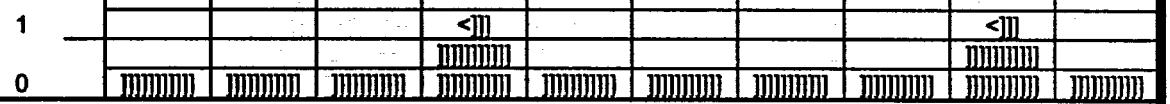
ALCOHOL (% BAC)	0.04%	COCAINE	300/150	PHENCYCLIDINE	25/25
AMPHETAMINES	1000/500	MARIJUANA	100/15 50/15	OPIATES	300/300

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



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