



Entergy Nuclear Northeast  
Entergy Nuclear Operations, Inc.  
440 Hamilton Avenue  
White Plains, NY 10601  
Tel 914 272 3200  
Fax 914 272 3205

Michael R. Kansler  
President

August 29, 2005  
JPN-05-011  
NL-05-103  
ENO 2.05.065  
BVY 05-078

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

SUBJECT: James A. FitzPatrick Nuclear Power Plant  
Docket No. 50-333  
Indian Point Nuclear Generating Units No. 1, 2 and 3  
Docket Nos. 50-003, 50-247, and 50-286  
Pilgrim Nuclear Power Station  
Docket No. 50-293  
Vermont Yankee Nuclear Power Station  
Docket No. 50-271  
**Fitness-for-Duty Program Performance Report  
For the Period January – June 2005**

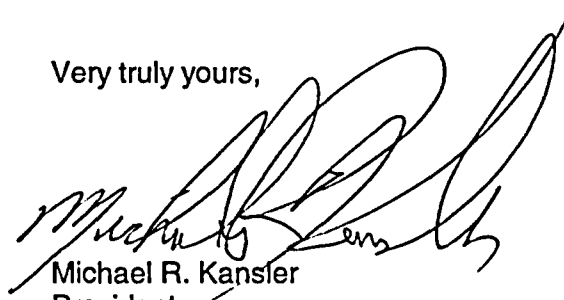
Dear Sir or Madam:

This letter transmits the James A. FitzPatrick, Indian Point 1, Indian Point 2, Indian Point 3, Pilgrim, and Vermont Yankee Fitness-for-Duty Program performance reports for the period from January through June 2005 in accordance with the requirements of 10 CFR 26.71(d). The FitzPatrick report is Attachment I, the combined Indian Point 1, 2, and 3 report is Attachment II, the Pilgrim report is Attachment III, and the Vermont Yankee report is Attachment IV.

A021

There are no new commitments made in this letter. If you have any questions, please contact Ms. Charlene Faison at 914-272-3378.

Very truly yours,

A handwritten signature in black ink, appearing to read "Michael R. Kansler". The signature is stylized with large, sweeping loops and a long, thin tail extending upwards and to the right.

Michael R. Kansler  
President  
Entergy Nuclear Operations, Inc.

- Attachments:
1. James A. FitzPatrick NPP, Fitness For Duty Report, Jan – Jun 2005.
  2. Indian Point Nuclear Generating Units, No. 1, 2, and 3, Fitness For Duty Report, Jan – Jun 2005.
  3. Pilgrim Nuclear Power Station, Fitness For Duty Report, Jan – Jun 2005.
  4. Vermont Yankee Nuclear Power Station, Fitness For Duty Report, Jan – Jun 2005.

cc: Next Page

cc:

Mr. Samuel J. Collins  
Regional Administrator, Region I  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406-1415

Mr. John Boska, Project Manager  
Project Directorate I  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Mail Stop O-8-C2  
Washington, DC 20555-0001

Mr. James J. Shea, Project Manager  
Project Directorate I  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Mail Stop O-8-B1  
Washington, DC 20555-0001

Mr. Richard B. Ennis, Project Manager  
Project Directorate I  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Mail Stop O-8-B1  
Washington, DC 20555-0001

Mr. Michael Webb, Project Manager  
Project Directorate Iv  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Mail Stop O-7-D1  
Washington, DC 20555-0001

Resident Inspector's Office  
Indian Point Unit 3  
U.S. Nuclear Regulatory Commission  
P.O. Box 59  
Buchanan, NY 10511-0059

Senior Resident Inspector's Office  
Indian Point Unit 2  
U.S. Nuclear Regulatory Commission  
P.O. Box 59  
Buchanan, NY 10511-0059

Resident Inspector's Office  
James A. FitzPatrick Nuclear Power Plant  
U.S. Nuclear Regulatory Commission  
P.O. Box 136  
Lycoming, NY 13093-0136

Senior Resident Inspector  
Pilgrim Nuclear Power Station  
U.S. Nuclear Regulatory Commission  
600 Rocky Hill Road  
Mail Stop 66  
Plymouth, MA 02360

USNRC Resident Inspector  
Vermont Yankee Nuclear Power Station  
320 Governor Hunt Road  
P.O. Box 157  
Vernon, VT 05354

Mr. Paul Eddy  
NYS Department of Public Service  
3 Empire State Plaza  
Albany, NY 12223-1350

Mr. Peter R. Smith  
President  
NYSERDA  
17 Columbia Circle  
Albany, NY 12203

Mr. David O'Brien  
Commissioner  
Department of Public Service  
112 State Street, Drawer 20  
Montpelier, VT 05620-2601

Entergy Nuclear Operations, Inc.  
James A. FitzPatrick Nuclear Power Plant  
Fitness-for-Duty Program Performance Report  
For the Period January through June 2005

## INTRODUCTION

10 CFR 26.71(d) requires that nuclear power plant licensees periodically collect, compile and submit Fitness-for-Duty performance data. Specifically, this performance data must include:

1. Random testing rate;
2. Drugs tested for and cutoff levels, including results of tests using lower cutoff levels;
3. Workforce population tested;
4. Numbers of tests and results by population and type of test (i.e., pre-access, random, for-cause, etc.);
5. Substances identified;
6. Summary of management actions; and
7. A list of events reported.

Fitness-for-Duty performance data for Entergy's James A. FitzPatrick Nuclear Power Plant for the period January through June 2005 are provided below and in the attached tables. Data on random testing rate, a summary of management actions, and a list of events reported (items 1, 6 and 7) are given below. Data for the remaining items (2, 3, 4 and 5) are given in the attached tables.

An additional section not required by 10 CFR 26 is included in this report. The additional section summarizes events related to the FitzPatrick Fitness-for-Duty Program and lessons learned.

At JAF, Entergy considers all contractors to be short-term contractors for the purposes of the Fitness-for-Duty Program. For this reason, the attached tables show "N/A" for data associated with long-term contractors.

## RANDOM TESTING RATE

For this period, 29.61% of employees were tested randomly.

## SUMMARY OF MANAGEMENT ACTIONS

Entergy used the definition of "Management Actions" implicit in 10 CFR 26.27 ("Management actions and sanctions to be imposed") to determine the content of this section.

Pre-Access Testing

A total of 41 pre-access tests (15-employees, 26-contractors) were administered. All tests were negative.

Random Testing

A total of 266 random tests (248-employees, 18-contractors) were administered. All tests were negative.

For Cause Testing

One employee for-cause test was performed during this period, following an injury that required an evaluation at the hospital; the test was negative.

Follow Up Testing

There were 12 follow up tests (11-employees and 1-contractors) administered during this reporting period. All test results were negative.

Other

This category includes tests repeated because the results of the specimen were negative but the specimen was determined by the laboratory to have either a low specific gravity or a low concentration of creatinine. There were 11 atypical tests, all were employees, and all repeat observed test results were negative. There were 3 Department of Transportation (DOT) tests performed (which had a lower alcohol cutoff level at 0.02% BAC). The test results were negative.

Events Reported

None

Lessons Learned and Program Events

During this reporting period it was discovered that some individuals were not being placed in the random pool following pre-access drug and alcohol testing as intended. Upon discovery, the affected individuals were identified and manually placed in the random pool. The affected individuals were unaware that they were not in the random FFD Pool. The issue was documented in the Entergy Corrective Action program.

**Fitness For Duty Program**

**Semi-Annual Performance Data Report - Personnel Subject to 10CFR26**

**Section I - Company Data**

<b>Company:</b>	<b>Entergy - JAF</b>	<b>Six-Month Period:</b>	<b>01/01/2005 to 06/30/2005</b>
<b>Location:</b>	PO Box 110 Lycoming, NY 13093	<b>Drugs Tested For</b>	<b>Screen/Confirmation (ng/ml)</b>
<b>Contact:</b>	Michael Warchol Acting Supervisor of Investigations & Fitness for Duty	Marijuana	100/15
<b>Phone:</b>	(315) 349-6412	Marijuana	50/15 (n/a @JAF)
		Cocaine	300/150
		Opiates	300/300
		Amphetamines	1000/500
		Phencyclidine	25/25
		Alcohol (%BAC)	0.04% BAC
		Random Testing Rate: NLT 50% per annum.	

**Section II - Testing Results**

Avg. Workforce	Licensee Employee			Long-Term Contractor			Short-Term Contractor			Total		
	793.93	n/a	n/a	94.49	n/a	n/a	898.43*					
Category	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused
Follow-Up	11	0	0	n/a	n/a	n/a	1	0	0	12	0	0
Observed Behavior	0	0	0	n/a	n/a	n/a	0	0	0	0	0	0
Post Accident	1	0	0	n/a	n/a	n/a	0	0	0	1	0	0
Other	14	0	0	n/a	n/a	n/a	0	0	0	14	0	0
Pre-Access	15	0	0	n/a	n/a	n/a	26	0	0	41	0	0
Random	248	0	0	n/a	n/a	n/a	18	0	0	266	0	0
<b>Total</b>	<b>289</b>	<b>0</b>	<b>0</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>45</b>	<b>0</b>	<b>0</b>	<b>334</b>	<b>0</b>	<b>0</b>

\* Includes other than licensee employees, short and long term contractors.

**Section III - Breakdown of Confirmed Positive Tests for Specific Substances**

	Alcohol	Ampheta- mines	Cocaine	Marijuana 50	Marijuana 100	Opiates	Pheny- clidine	FFD Violation	Refused	Total
Licensee Employee		0	0	0	n/a	0	0	0	0	0
Short-Term Contractor		0	0	0	n/a	0	0	0	0	0
<b>Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>n/a</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Note: Any discrepancies in the totals in this section versus Section II indicate that one or more tests detected multiple drugs. Refer to Section IV for the declaration of these tests and their corresponding drugs.

ATTACHMENT I TO JPN-05-011 / NL-05-103 / ENO 2.05.065 / BVY 05-078

Section IV - Breakdown of Tests With Multiple Detected Drugs

	Alcohol	Amphetamines	Cocaine	Marijuana 50	Marijuana 100	Opiates	Phencycli- dine	FFD Refused Violation	
Licensee Employee (None)	0	0	0	0	0	0	0	0	0
Short-Term Contractor (None)	0	0	0	0	0	0	0	0	0

Section V - Blind Testing Results

Q1	13.23%
<u>Q2</u>	<u>13.79%</u>
Period	13.47%

Section VI - Randon Testing Results

For Period	29.61%
------------	--------

Entergy Nuclear Operations, Inc.  
Indian Point Energy Center Units No. 1, 2, 3  
Fitness-For-Duty Program Performance Report  
For the Period of January through June 2005

**INTRODUCTION**

10 CFR 26.71 (d) requires that nuclear power plant licensees periodically collect, compile and submit Fitness-For-Duty performance data. Specifically, this performance data must include:

1. Random testing rate;
2. Drugs tested for and cutoff levels, including results of tests using lower cutoff levels and tests for other drugs;
3. Workforce population tested;
4. Numbers of tests and results by population and type of test (i.e., pre-access, random, for-cause, etc.);
5. Substances identified;
6. Summary of management actions; and
7. A list of events reported.

Fitness-For-Duty performance data for the Entergy's Indian Point Energy Center for the period from January through June 2005 are provided below and in the attached tables. The random testing rate, a summary of management actions, and a list of events reported (items 1, 6, and 7) are given below. Data for the remaining items (2, 3, 4 and 5) are given in the attached tables.

An additional section not required by 10CFR26 is included in this report. The additional section summarizes events related to the Indian Point Energy Center Fitness-For-Duty program and lessons learned.

At IPEC, Entergy considers all contractors to be short-term for the purposes of the Fitness-For-Duty program. For this reason, the attached tables show "N/A" for data associated with long-term contractors.

**RANDOM TESTING RATE**

For this period, 26.57% of the personnel in the testing pool were tested randomly.



## **SUMMARY OF MANAGEMENT ACTIONS**

Entergy used the definition of "Management Actions" implicit in 10 CFR 26.27 ("Management actions and sanctions to be imposed") to determine the content of this section.

### Pre-Access Testing

A total of 977 pre-access tests were performed (87-employees and 890-contractors).

- One (1) employee test was confirmed positive for cocaine. Individual was denied access to site for three years.
- Eleven contractor tests were confirmed positive.
  - Three (3) tests confirmed positive for marijuana. All individuals were denied access to site for three years.
  - Five (5) tests confirmed positive for cocaine. All individuals were denied access to site for three years.
  - One (1) individual tested positive for alcohol. Individual was denied access to site for one year.
  - One (1) test confirmed positive for alcohol and cocaine. Individual was denied access to site for three years.
  - One (1) individual tested positive for cocaine and marijuana. Individual was denied access to site for three years.

### Random Testing

- A total of 504 random tests were performed (403-employees and 101-contractors). All employee tests were negative.
- Two contractor tests were confirmed positive:
  - One (1) contractor tested positive for cocaine. Individual denied access to site for 3 years.
  - One (1) contractor tested positive for marijuana. Individual denied access to site for three years.
- One (1) contractor refused to test. Individual was permanently denied access to site per company procedure.

### For-Cause Testing

- A total of 17 for-cause (5-employee and 12-contractor) tests were performed. Fifteen tests were for observed behavior and two tests were post accident.
- One (1) employee (observed behavior) tested positive for alcohol. Employee was a supervisor and per regulations the NRC was notified. The individual was permanently denied access to the site per company procedure.
- Two (2) contractors (observed behavior) tested positive for alcohol. Both individuals were denied access to site for one year.
- One (1) contractor (observed behavior) tested positive for alcohol and opiates. Individual was denied access to site for three years.

Follow-Up Testing

A total of 22 follow-up (10-employee and 12-contractor) tests were performed. All 22 tests were negative.

Other

This category includes tests repeated because the results of the specimen were negative but the specimen was determined by the laboratory to have either a low specific gravity or a low concentration of creatinine. A total of eleven (11) tests were performed (all contractors). One (1) contractor tested positive for cocaine. Individual was denied access to site for three years.

Events Reported

There were no reportable events during this period. No performance indicators were identified during this period.

Program Events

During this reporting period it was discovered that some individuals were not being placed in the random pool following pre-access drug and alcohol testing as intended. Upon discovery, the affected individuals were identified and manually placed in the random pool. The affected individuals were unaware that they were not in the random FFD Pool. The issue was documented in the Entergy Corrective Action program.

**Fitness For Duty Program**

**Semi-Annual Performance Data Report - Personnel Subject to 10CFR26**

**Section I - Company Data**

<b>Company:</b>	<b>Entergy - Indian Point Energy Center</b>	<b>Six-Month Period:</b>	01/01/2005 to 06/30/2005
<b>Location:</b>	450 Broadway, Suite 3 Buchanan, NY 10511	<b>Drugs Tested For</b>	<b>Screen/Confirmation (ng/ml)</b>
<b>Contact:</b>	Sharon Quinn Supervisor of Investigations & Fitness for Duty	Marijuana	100/15
<b>Phone:</b>	(914) 788-2193	Marijuana	50/15
		Cocaine	300/150
		Opiates	300/300
		Amphetamines	1000/500
		Phencyclidine	25/25
		Alcohol (%BAC)	0.04% BAC
		Random Testing Rate: NLT 50% per annum.	

**Section II - Testing Results**

Category	Licensee Employee			Long-Term Contractor			Short-Term Contractor			Total		
	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused
<b>Avg. Workforce</b>	1,404.12			N/A			486.02			1,897.14		
Follow-Up	10	0	0	n/a	n/a	n/a	12	0	0	22	0	0
Observed Behavior	3	1	0	n/a	n/a	n/a	12	3	0	15	4	0
Post Accident	2	0	0	n/a	n/a	n/a	0	0	0	2	0	0
Other	0	0	0	n/a	n/a	n/a	11	1	0	11	1	0
Pre-Access	87	1	0	n/a	n/a	n/a	890	11	0	977	12	0
Random	403	0	0	n/a	n/a	n/a	101	2	1	504	2	1
<b>Total</b>	<b>505</b>	<b>2</b>	<b>0</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>1026</b>	<b>17</b>	<b>1</b>	<b>1531</b>	<b>19</b>	<b>1</b>

\* Includes other than licensee employees, short and long term contractors.

**Section III - Breakdown of Confirmed Positive Tests for Specific Substances**

	Alcohol	Ampheta- mines	Cocaine	Marijuana 50	Marijuana 100	Opiates	Pheny- clidine	FFD Violation	Refused	Total
Licensee Employee		1	0	1	0	0	0	0	0	2
Short-Term Contractor		5	0	9	5	3	1	0	0	24
<b>Total</b>		<b>6</b>	<b>0</b>	<b>10</b>	<b>5</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>26</b>

Note: Any discrepancies in the totals in this section versus Section II indicate that one or more tests detected multiple drugs. Refer to Section IV for the declaration of these tests and their corresponding drugs.

ATTACHMENT II TO JPN-05-011 / NL-05-103 / ENO 2.05.065 / BVY 05-078

Section IV - Breakdown of Tests With Multiple Detected Drugs

	Alcohol	Amphetamines	Cocaine	Marijuana 50	Marijuana 100	Opiates	Phency- dine	FFD Refused Violation	
Short-Term Contractor (One)	1	0	1	0	0	0	0	0	0
Short-Term Contractor (Two)	0	0	0	2	2	0	0	0	0
Short-Term Contractor (One)	0	0	1	1	1	0	0	0	0
Short-Term Contractor (One)	1	0	0	0	0	1	0	0	0

Section V - Blind Testing Results

Q1	11.70%
<u>Q2</u>	<u>12.14%</u>
Period	11.82%

Section VI - Randon Testing Results

For Period	26.57%
------------	--------

Entergy Nuclear Operations, Inc.  
Pilgrim Station Nuclear Power Plant  
Fitness-for-Duty Program Performance Report  
For the Period January through June 2005

## INTRODUCTION

10 CFR 26.71(d) requires that nuclear power plant licensees periodically collect, compile and submit Fitness-for-Duty performance data. Specifically, this performance data must include:

1. Random testing rate;
2. Drugs tested for and cutoff levels, including results of tests using lower cutoff levels;
3. Workforce population tested;
4. Numbers of tests and results by population and type of test (i.e., pre-access, random, for-cause, etc.);
5. Substances identified;
6. Summary of management actions; and
7. A list of events reported.

Fitness-for-Duty performance data for Entergy's Pilgrim Nuclear Power Plant for the period January through June 2005 are provided below and in the attached tables. Data on random testing rate, a summary of management actions, and a list of events reported (items 1, 6 and 7) are given below. Data for the remaining items (2, 3, 4 and 5) are given in the attached tables.

## RANDOM TESTING RATE

For this period, 23.69% of employees were tested randomly.

## SUMMARY OF MANAGEMENT ACTIONS

Entergy used the definition of "Management Actions" implicit in 10 CFR 26.27 ("Management actions and sanctions to be imposed") to determine the content of this section.

### Pre-Access Testing

A total of 518 pre-access tests were administered for employees and contractors. The breakdown is 27 licensee employees, 27 long term contractors and 464 short term contractors. All employee tests were negative. All long term contractors tested negative. Six (6) short term contractors tested positive. Four (4) for cocaine, two (2) for marijuana. Unescorted access was denied for these contractors.

Random Testing

A total of 235 random tests (165-employees, 33 long term contractors, 37 short term contractors) were administered. All random test results were negative.

For Cause Testing (Observed Behavior and Post Accident)

A total of eight (8) for-cause tests (6-observed behavior and 2-post accident) were performed during this period. Five (5) tests were negative, three (3) short-term contractor tests were positive for alcohol.

Follow Up Testing

There were twenty-two (22) follow-up tests (2-employees (each tested twice), 18-contractors). All follow up tests were negative.

Other

This category includes tests repeated because the results of the specimen were negative but the specimen was determined by the laboratory to have either a low specific gravity or a low concentration of creatinine. There were four (4) atypical tests. Two (2) contractors refused to re-test and were denied access. The other two (2) contractors repeated their tests and had negative results.

Events Reported

There were two (2) events of observed behavior, which resulted in positive alcohol tests. These were contract supervisors and both events and denial of access were reported to the NRC within the required time period.

Lessons Learned and Program Events

During this reporting period it was discovered that some individuals were not being placed in the random pool following pre-access drug and alcohol testing as intended. Upon discovery, the affected individuals were identified and manually placed in the random pool. The affected individuals were unaware that they were not in the random FFD Pool. The issue was documented in the Entergy Corrective Action program.

**Fitness For Duty Program**

**Semi-Annual Performance Data Report - Personnel Subject to 10CFR26**

**Section I - Company Data**

<b>Company:</b>	<b>Entergy - Pilgrim Station</b>	<b>Six-Month Period:</b>	01/01/2005 to 06/30/2005
<b>Location:</b>	600 Rocky Hill Road Plymouth, MA 02360	<b>Drugs Tested For</b>	<b>Screen/Confirmation (ng/ml)</b>
<b>Contact:</b>	Barb Renney Supervisor of Investigations & Fitness for Duty	Marijuana	100/15
<b>Phone:</b>	(508) 830-8285	Marijuana	50/15
		Cocaine	300/150
		Opiates	300/300
		Amphetamines	1000/500
		Phencyclidine	25/25
		Alcohol (%BAC)	0.04% BAC
		Random Testing Rate: NLT 50% per annum.	

**Section II - Testing Results**

Category	Licensee Employee			Long-Term Contractor			Short-Term Contractor			Total		
	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused
Avg. Workforce	620.93			125.18			243.83			991.86		
Follow-Up	4	0	0	0	0	0	18	0	0	22	0	0
Observed Behavior	2	0	0	1	0	0	3	3	0	6	3	0
Post Accident	0	0	0	2	0	0	0	0	0	2	0	0
Other	0	0	0	0	0	0	4	0	2	4	0	2
Pre-Access	27	0	0	27	0	0	464	6	0	518	6	0
Random	165	0	0	33	0	0	37	0	0	235	0	0
<b>Total</b>	<b>198</b>	<b>0</b>	<b>0</b>	<b>63</b>	<b>0</b>	<b>0</b>	<b>526</b>	<b>9</b>	<b>2</b>	<b>787</b>	<b>9</b>	<b>2</b>

\* Includes other than licensee employees, short and long term contractors.

**Section III - Breakdown of Confirmed Positive Tests for Specific Substances**

	Alcohol	Ampheta- mines	Cocaine	Marijuana 50	Marijuana 100	Opiates	Pheny- clidine	FFD Violation	Refused	Total
Licensee Employee		0	0	0	0	0	0	0	0	0
Long-Term Contractor		0	0	0	0	0	0	0	0	0
Short-Term Contractor		3	0	4	2	0	0	0	2	11
<b>Total</b>		<b>3</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>11</b>

Note: Any discrepancies in the totals in this section versus Section II indicate that one or more tests detected multiple drugs. Refer to Section IV for the declaration of these tests and their corresponding drugs.

ATTACHMENT III TO JPN-05-011 / NL-05-103 / ENO 2.05.065 / BVY 05-078

**Section IV - Breakdown of Tests With Multiple Detected Drugs**

	Alcohol	Amphetamines	Cocaine	Marijuana 50	Marijuana 100	Opiates	Phencyli- dine	FFD Refused Violation	
Licensee Employee (None)	0	0	0	0	0	0	0	0	0
Long-Term Contractor (None)	0	0	0	0	0	0	0	0	0
Short-Term Contractor (None)	0	0	0	0	0	0	0	0	0

**Section V - Blind Testing Results**

Q1	10.62%
<u>Q2</u>	<u>10.49%</u>
Period	10.55%

**Section VI - Randon Testing Results**

For Period	23.69%
------------	--------



Entergy Nuclear Operations, Inc.  
Vermont Yankee Nuclear Power Plant  
Fitness-for-Duty Program Performance Report  
For the Period January through June 2005

## INTRODUCTION

10 CFR 26.71(d) requires that nuclear power plant licensees periodically collect, compile and submit Fitness-for-Duty performance data. Specifically, this performance data must include:

1. Random testing rate;
2. Drugs tested for and cutoff levels, including results of tests using lower cutoff levels;
3. Workforce population tested;
4. Numbers of tests and results by population and type of test (i.e., pre-access, random, for-cause, etc.);
5. Substances identified;
6. Summary of management actions; and
7. A list of events reported.

Fitness-for-Duty performance data for Entergy's Vermont Yankee Nuclear Power Plant for the period January through June 2005 are provided below and in the attached tables. Data on random testing rate, a summary of management actions, and a list of events reported (items 1, 6 and 7) are given below. Data for the remaining items (2, 3, 4 and 5) are given in the attached tables.

## RANDOM TESTING RATE

For this period, 29.71% of employees were tested randomly.

## SUMMARY OF MANAGEMENT ACTIONS

Entergy used the definition of "Management Actions" implicit in 10 CFR 26.27 ("Management actions and sanctions to be imposed") to determine the content of this section.

### Pre-Access Testing

A total of 189 pre-access tests (42-employees, 8-long term contractors, and 139-short term contractors) were administered. All employee tests were negative. One (1) long-term contractor tested positive for cocaine and three (3) short-term contractors tested positive for alcohol. Unescorted access was denied for these contractors.

Random Testing

A total of 273 random tests (165-employees, 28-long term contractors and 80-short term contractors) were administered. Two (2) short term contractors tested positive, one for alcohol and one for marijuana. Unescorted access was revoked and denied for both individuals.

For-Cause Testing

Five for-cause tests (2-employees, 2-long term contractors and 1-short term contractor) were performed during this period. All for-cause tests were negative.

Follow-Up Testing

There were (18) follow up tests (8-employees and 10-short term contractors). All follow-up test results were negative.

Other

This category includes tests repeated because the results of the specimen were negative but the specimen was determined by the laboratory to have either a low specific gravity or a low concentration of creatinine. There were 3 atypical tests (short-term contractors) and all test results were negative.

Events Reported

There were no reportable events during this period. No performance indicators were identified during this period.

Lessons Learned and Program Events

During this reporting period it was discovered that some individuals were not being placed in the random pool following pre-access drug and alcohol testing as intended. Upon discovery, the affected individuals were identified and manually placed in the random pool. The affected individuals were unaware that they were not in the random FFD Pool. The issue was documented in the Entergy Corrective Action program.

**Fitness For Duty Program**

**Semi-Annual Performance Data Report - Personnel Subject to 10CFR26**

**Section I - Company Data**

**Company:** Entergy - Vermont Yankee **Six-Month Period:** 01/01/2005 to 06/30/2005

**Location:** Governor Hunt Road  
PO Box 157  
Vernon, VT 05354

**Contact:** Barb Renney  
Supervisor of Investigations & Fitness for Duty

**Phone:** (802) 258-5801

<u>Drugs Tested For</u>	<u>Screen/Confirmation (ng/ml)</u>
Marijuana	100/15
Marijuana	50/15
Cocaine	300/150
Opiates	300/300
Amphetamines	1000/500
Phencyclidine	25/25
Alcohol (%BAC)	0.04% BAC

Random Testing Rate: NLT 50% per annum.

**Section II - Testing Results**

Avg. Workforce	Licensee Employee			Long-Term Contractor			Short-Term Contractor			Total		
	541.63	107.28	269.98	918.89*								
Category	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused
Follow-Up	8	0	0	0	0	0	10	0	0	18	0	0
Observed Behavior	1	0	0	2	0	0	1	0	0	4	0	0
Post Accident	1	0	0	0	0	0	0	0	0	1	0	0
Other	0	0	0	0	0	0	3	0	0	3	0	0
Pre-Access	42	0	0	8	1	0	139	3	0	189	4	0
Random	165	0	0	28	0	0	80	2	0	273	2	0
<b>Total</b>	<b>217</b>	<b>0</b>	<b>0</b>	<b>38</b>	<b>1</b>	<b>0</b>	<b>233</b>	<b>5</b>	<b>0</b>	<b>488</b>	<b>6</b>	<b>0</b>

\* Includes other than licensee employees, short and long term contractors.

**Section III - Breakdown of Confirmed Positive Tests for Specific Substances**

	Alcohol	Ampheta- mines	Cocaine	Marijuana 50	Marijuana 100	Opiates	Pheny- clidine	FFD Violation	Refused	Total
Licensee Employee	0	0	0	0	0	0	0	0	0	0
Long-Term Contractor	0	0	1	0	0	0	0	0	0	1
Short-Term Contractor	4	0	0	0	1	0	0	0	0	5
<b>Total</b>	<b>4</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>

Note: Any discrepancies in the totals in this section versus Section II indicate that one or more tests detected multiple drugs. Refer to Section IV for the declaration of these tests and their corresponding drugs.

ATTACHMENT IV TO JPN-05-011 / NL-05-103 / ENO 2.05.065 / BVY 05-078

Section IV - Breakdown of Tests With Multiple Detected Drugs

	Alcohol	Amphetamines	Cocaine	Marijuana 50	Marijuana 100	Opiates	Phencycli- dine	FFD Refused Violation	
Licensee Employee (None)	0	0	0	0	0	0	0	0	0
Long-Term Contractor (None)	0	0	0	0	0	0	0	0	0
Short-Term Contractor (None)	0	0	0	0	0	0	0	0	0

Section V - Blind Testing Results

Q1	13.27%
<u>Q2</u>	<u>11.45%</u>
Period	12.30%

Section VI - Randon Testing Results

For Period	29.71%
------------	--------