



Entergy Nuclear Operations, Inc.  
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White Plains, NY  
10601

**John F. McCann**  
Director  
Nuclear Safety and Licensing

August 28, 2007  
ENOC-07-00030

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 2007 – June 2007**


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 2007 through June 2007 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.

AOZI  
FSME

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,



John McCann  
Director, Nuclear Safety & Licensing  
Entergy Nuclear Operations, Inc.

Attachments: As stated

cc:

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

Resident Inspector's Office  
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Resident Inspector's Office  
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Rockville, MD 20852

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James A. FitzPatrick Nuclear Power Plant  
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Lycoming, NY 13093-0136

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Environmental Protection  
Office of Federal and State Materials and  
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Resident Inspector's Office  
Pilgrim Nuclear Power Station  
U.S. Nuclear Regulatory Commission  
600 Rocky Hill Road  
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Resident Inspector's Office  
Vermont Yankee Nuclear Power Station  
U.S. Nuclear Regulatory Commission  
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P.O. Box 157  
Vernon, VT 05354

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

Mr. Peter R. Smith  
President  
NYSERDA  
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Albany, NY 12203

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

ATTACHMENT I TO ENOC-07-00030

**JAMES A. FITZPATRICK NUCLEAR POWER PLANT**

**FITNESS FOR DUTY PROGRAM  
PERFORMANCE REPORT FOR  
JANUARY 2007 THROUGH JUNE 2007**

(4 pages)

ENTERGY NUCLEAR OPERATIONS, INC.  
JAMES A. FITZPATRICK NUCLEAR POWER PLANT  
DOCKET NO. 50-333  
DPR-59

## ATTACHMENT I TO ENOC-07-00030

Entergy Nuclear Operations, Inc.  
James A. FitzPatrick Nuclear Power Plant  
Fitness-for-Duty Program Performance Report  
For the Period January through June 2007

### 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 2007 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 "zeros" for data associated with long-term contractors.

### RANDOM TESTING RATE

For this period, 28.66% 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.

## ATTACHMENT I TO ENOC-07-00030

### Pre-Access Testing

A total of 53 pre-access tests (29-employees, 24-contractors) were administered. All tests were negative.

### Random Testing

A total of 247 random tests (224-employees, 23-contractors) were administered. One contractor tested positive for alcohol. Access was denied for a minimum of one year.

### For Cause Testing

One employee for-cause test was performed during this period, after reporting a DWI arrest; the test was negative. Employee was placed in the DOT follow up program for alcohol only.

### Follow Up Testing

There were 8 employee follow up tests 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 5 atypical tests, 4 employees and 1 contractor. All repeat observed test results were negative. There were 5 Department of Transportation (DOT) tests performed (which had a lower alcohol cutoff level at 0.02% BAC). 3 of the DOT tests were Random and 2 were Follow-up tests. The test results were negative.

### Events Reported

None

### Lessons Learned and Program Events

There were no lessons learned or program events identified during this period.

**Attachment I TO ENOC-07-00030**

**Fitness For Duty Program**

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

**Section I - Company Data**

<b>Company:</b> JAF	<b>Six-Month Period:</b> 01/01/2007 to 06/30/2007																
<b>Location:</b> James A. FitzPatrick Nuclear Power Plant PO Box 110 Lycoming NY 13093	<table border="1"> <thead> <tr> <th><u>Drugs Tested For</u></th> <th><u>Screen/Confirmation (ng/ml)</u></th> </tr> </thead> <tbody> <tr> <td>Marijuana</td> <td>100/15</td> </tr> <tr> <td>Marijuana</td> <td>50/15 (N/A for JAF)</td> </tr> <tr> <td>Cocaine</td> <td>300/150</td> </tr> <tr> <td>Opiates</td> <td>300/300</td> </tr> <tr> <td>Amphetamines</td> <td>1000/500</td> </tr> <tr> <td>Phencyclidine</td> <td>25/25</td> </tr> <tr> <td>Alcohol (%BAC)</td> <td>0.04% BAC</td> </tr> </tbody> </table>	<u>Drugs Tested For</u>	<u>Screen/Confirmation (ng/ml)</u>	Marijuana	100/15	Marijuana	50/15 (N/A for JAF)	Cocaine	300/150	Opiates	300/300	Amphetamines	1000/500	Phencyclidine	25/25	Alcohol (%BAC)	0.04% BAC
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Opiates	300/300																
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Phencyclidine	25/25																
Alcohol (%BAC)	0.04% BAC																
<b>Contact:</b> Ronald Owen Acting Supervisor of Investigations & Fitness for Duty																	
<b>Phone:</b> (315) 349-6426																	
	Random Testing Rate: NLT 50% per annum.																

**Section II - Testing Results**

Avg. Workforce	Licensee Employee			Long-Term Contractor			Short-Term Contractor			Total		
	766.07						95.72			861.79		
Category	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused
Follow-Up	8	0	0	0	0	0	0	0	0	8	0	0
Observed Behavior	1	0	0	0	0	0	0	0	0	1	0	0
Other	9	0	0	0	0	0	1	0	0	10	0	0
Post Accident	0	0	0	0	0	0	0	0	0	0	0	0
Pre-Access	29	0	0	0	0	0	24	0	0	53	0	0
Random	224	0	0	0	0	0	23	1	0	247	1	0
<b>Total</b>	<b>271</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>48</b>	<b>1</b>	<b>0</b>	<b>319</b>	<b>1</b>	<b>0</b>

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

	Alcohol	Ampheta- mines	Cocaine	Marijuana 50	Marijuana 100	Opiates	Phencycli- dine	FFD Violation	Refused	Total
Licensee Employee	0	0	0	0	0	0	0	0	0	0
Short-Term Contractor	1	0	0	0	0	0	0	0	0	1
<b>Total</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>

Note: 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 ENOC-07-00030

Section IV - Breakdown of Tests With Multiple Detected Drugs

	Alcohol	Ampheta- mines	Cocaine	Marijuana 50	Marijuana 100	Opiates	Phencycli- dine	FFD Violation	Refused
0									

Section V - Blind Testing Results

Q1	13.51 %
Q2	11.70 %
<hr/>	
Period	12.54 %

Section VI - Random Testing Results

For Period 28.66 %



ATTACHMENT II TO ENOC-07-00030

**INDIAN POINT NUCLEAR GENERATING UNITS NO. 1, 2, and 3**

**FITNESS FOR DUTY PROGRAM  
PERFORMANCE REPORT FOR  
JANUARY 2007 THROUGH JUNE 2007**

(5 pages)

ENERGY NUCLEAR OPERATIONS, INC.  
INDIAN POINT NUCLEAR GENERATING UNIT NO. 1  
DOCKET NO. 50-003  
DPR-5  
INDIAN POINT NUCLEAR GENERATING UNIT NO. 2  
DOCKET NO. 50-247  
DPR-26  
INDIAN POINT NUCLEAR GENERATING UNIT NO. 3  
DOCKET NO. 50-286  
DPR-64

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 2007

**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 2007 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 10 CFR 26 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 "zeros" for data associated with long-term contractors.

**RANDOM TESTING RATE**

For this period, 25.17% of the workforce was 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 one thousand and sixteen (1016) pre-access tests were performed (57-employees and 959-contractors).

All employee tests were negative.

Fifteen (15) contractor tests were positive; two (2) for cocaine, one (1) for cocaine and marijuana ( $\geq 50\text{ng/ml}$ ), ten (10) for marijuana (5  $\geq 50\text{ng/ml}$  and the other 5  $\geq 100\text{ng/ml}$ ). All individuals were denied access to site for three years. Two (2) individuals tested positive for alcohol. Both individuals were denied access to site for one year. One (1) contractor refused testing. Individual was denied access to site for three years.

### Random Testing

A total of four-hundred and fifty seven (457) random tests were performed (357-employees and 100-contractors).

All random tests for employees and contractors were negative.

### For-Cause Testing

A total of six (6) for-cause (3-employee and 3-contractor) tests were performed. All six (6) tests were for observed behavior.

All for-cause tests for employees and contractors were negative.

### Follow-Up Testing

A total of thirty six (36) follow-up (12-employee and 24-contractor) tests were performed.

All follow-up tests for employees and contractors 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 fifteen (15) tests were performed (3-employee and 12-contractors).

All tests under this category for employees and contractors 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.

There were no lessons learned or program events identified during this period.

Attachment II TO ENOC-07-00030

Fitness For Duty Program

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

Section I - Company Data

<b>Company:</b> Indian Point Energy Center (IPEC)	<b>Six-Month Period:</b> 01/01/2007 to 06/30/2007																
<b>Location:</b> Indian Point Energy Center 450 Broadway, Suite 3 Buchanan, NY 10511	<table border="1"> <thead> <tr> <th><u>Drugs Tested For</u></th> <th><u>Screen/Confirmation (ng/ml)</u></th> </tr> </thead> <tbody> <tr> <td>Marijuana</td> <td>100/15</td> </tr> <tr> <td>Marijuana</td> <td>50/15</td> </tr> <tr> <td>Cocaine</td> <td>300/150</td> </tr> <tr> <td>Opiates</td> <td>300/300</td> </tr> <tr> <td>Amphetamines</td> <td>1000/500</td> </tr> <tr> <td>Phencyclidine</td> <td>25/25</td> </tr> <tr> <td>Alcohol (%BAC)</td> <td>0.04% BAC</td> </tr> </tbody> </table>	<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
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Phencyclidine	25/25																
Alcohol (%BAC)	0.04% BAC																
<b>Contact:</b> Sharon Quinn Supervisor, Investigations & Fitness for Duty																	
<b>Phone:</b> (914) 788-2193																	
	Random Testing Rate: NLT 50% per annum.																

Section II - Testing Results

	Licensee Employee			Long-Term Contractor			Short-Term Contractor			Total		
Avg. Workforce	1,323.56						491.80			1,815.36		
Category	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused
Follow-Up	12	0	0	0	0	0	24	0	0	36	0	0
Observed Behavior	3	0	0	0	0	0	3	0	0	6	0	0
Other	3	0	0	0	0	0	12	0	0	15	0	0
Post Accident	0	0	0	0	0	0	0	0	0	0	0	0
Pre-Access	57	0	0	0	0	0	959	15	1	1016	15	1
Random	357	0	0	0	0	0	100	0	0	457	0	0
<b>Total</b>	<b>432</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1098</b>	<b>15</b>	<b>1</b>	<b>1530</b>	<b>15</b>	<b>1</b>

Section III - Breakdown of Confirmed Positive Tests for Specific Substances

	Alcohol	Ampheta- mines	Cocaine	Marijuana 50	Marijuana 100	Opiates	Phencycli- dine	FFD Violation	Refused	Total
Licensee Employee	0	0	0	0	0	0	0	0	0	0
Short-Term Contractor	2	0	3	6	5	0	0	0	1	17
<b>Total</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>6</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>17</b>

Note: 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 ENOC-07-00030

Section IV - Breakdown of Tests With Multiple Detected Drugs

		Alcohol	Ampheta- mines	Cocaine	Marijuana 50	Marijuana 100	Opiates	Phencycli- dine	FFD Violation	Refused
1	Short-Term Contractor	0	0	1	1	0	0	0	0	0

Section V - Blind Testing Results

Q1	10.74 %
Q2	12.11 %
<hr/>	
Period	11.11 %

Section VI - Random Testing Results

For Period 25.17 %

ATTACHMENT III TO ENOC-07-00030

**PILGRIM NUCLEAR POWER STATION**  
**FITNESS FOR DUTY PROGRAM**  
**PERFORMANCE REPORT FOR**  
**JANUARY 2007 THROUGH JUNE 2007**

(5 pages)

ENERGY NUCLEAR OPERATIONS, INC.  
PILGRIM NUCLEAR POWER STATION  
DOCKET NO. 50-293  
DPR-35

Entergy Nuclear Operations, Inc.  
Pilgrim Station  
Fitness-For-Duty Program Performance Report  
For the Period of January through June 2007

**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 Entergy's Pilgrim Station for the period from January through June 2007 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 Pilgrim Station's Fitness-For-Duty program and lessons learned.

On January 1, 2007, Wackenhut employees who were previously considered long-term contractors were transferred to Entergy employees. Pilgrim Station currently does not have any long-term contractors.

**RANDOM TESTING RATE**

For this period, 24.56% of the workforce was 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 five-hundred-eighty (580) pre-access tests were performed. Thirty-nine (39) were employees and five-hundred-forty-one (541) were short-term contractors.

Ten (10) short-term contractors tested positive. Five (5) tests were positive for cocaine; one (1) test was positive for opiates; one (1) test was positive for marijuana > 100 ng; one (1) test was positive for marijuana > 50 ng. All of these individuals were denied access for a minimum of three (3) years. Two (2) tests were positive for alcohol. One individual who tested positive for alcohol refused to give a urine sample. This person was denied unescorted access permanently. The other alcohol positive was denied access for a minimum of one year.

All other tests under this category were negative.

### Random Testing

A total of two-hundred-fifty-eight (258) random tests were performed. Two-hundred-four (204) were employees and fifty-four (54) were short-term contractors.

All tests under this category were negative.

### For-Cause Testing

A total of three (3) for-cause (1 employee observed behavior; 1 short-term contractor observed behavior and 1 short-term contractor post-accident) tests were performed.

All tests under this category were negative.

### Follow-Up Testing

A total of twenty-three (23) follow-up tests were performed during this period; five (5) employees and eighteen (18) short-term contractors.

All tests under this category 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 five (5) tests were performed (1 employee and 4 short-term contractors).

All tests under this category were negative.

Events Reported

There was one reportable event during this period. A contract supervisor tested positive during a pre-access test. He was denied access for a minimum of three years. No performance indicators were identified during this period.

Lessons Learned and Program Events.

There were no notable lessons learned or program events identified during this period.

**Attachment III TO ENOC-07-00030**

**Fitness For Duty Program**

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

**Section I - Company Data**

<b>Company:</b> Entergy - Pilgrim Station	<b>Six-Month Period:</b> 01/01/2007 to 06/30/2007																
<b>Location:</b> Entergy Pilgrim Station 600 Rocky Hill Road Plymouth, MA 02360	<table border="1"> <thead> <tr> <th><u>Drugs Tested For</u></th> <th><u>Screen/Confirmation (ng/ml)</u></th> </tr> </thead> <tbody> <tr><td>Marijuana</td><td>100/15</td></tr> <tr><td>Marijuana</td><td>50/15</td></tr> <tr><td>Cocaine</td><td>300/150</td></tr> <tr><td>Opiates</td><td>300/300</td></tr> <tr><td>Amphetamines</td><td>1000/500</td></tr> <tr><td>Phencyclidine</td><td>25/25</td></tr> <tr><td>Alcohol (%BAC)</td><td>0.04% BAC</td></tr> </tbody> </table>	<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
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Phencyclidine	25/25																
Alcohol (%BAC)	0.04% BAC																
<b>Contact:</b> Barb Renney Supervisor of Investigations & Fitness for Duty	Random Testing Rate: NLT 50% per annum.																
<b>Phone:</b> (508) 830-8285																	

**Section II - Testing Results**

Avg. Workforce	Licensee Employee			Long-Term Contractor			Short-Term Contractor			Total		
	733.80			139*			315.44			1050.33		
Category	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused
Follow-Up	5	0	0	0	0	0	18	0	0	23	0	0
Observed Behavior	1	0	0	0	0	0	1	0	0	2	0	0
Other	1	0	0	0	0	0	4	0	0	5	0	0
Post Accident	0	0	0	0	0	0	1	0	0	1	0	0
Pre-Access	39	0	0	0	0	0	541	10	1	580	10	1
Random	204	0	0	0	0	0	54	0	0	258	0	0
<b>Total</b>	<b>250</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>619</b>	<b>10</b>	<b>1</b>	<b>869</b>	<b>10</b>	<b>1</b>

\* Wackenhut employees transferred from long-term contractor to licensee employees on January 1, 2007.

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

	Alcohol	Ampheta- mines	Cocaine	Marijuana 50	Marijuana 100	Opiates	Phencycli- dine	FFD Violation	Refused	Total
Licensee Employee	0	0	0	0	0	0	0	0	0	0
Short-Term Contractor	2	0	5	1	1	1	0	0	1	11
<b>Total</b>	<b>2</b>	<b>0</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>11</b>

Note: 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 ENOC-07-00030

Section IV - Breakdown of Tests With Multiple Detected Drugs

	Alcohol	Ampheta- mines	Cocaine	Marijuana 50	Marijuana 100	Opiates	Phencycli- dine	FFD Violation	Refused
1 Short-Term Contractor	1	0	0	0	0	0	0	0	1

Section V - Blind Testing Results

Q1	10.60 %
Q2	11.30 %
Period	10.93 %

Section VI - Random Testing Results

For Period 24.56 %

ATTACHMENT IV TO ENOC-07-00030

**VERMONT YANKEE NUCLEAR POWER STATION**

**FITNESS FOR DUTY PROGRAM  
PERFORMANCE REPORT FOR  
JANUARY 2007 THROUGH JUNE 2007**

(5 pages)

**ENERGY NUCLEAR OPERATIONS, INC.  
Vermont Yankee Nuclear Power Station  
Docket No. 50-271  
DPR-28**

Entergy Nuclear Operations, Inc.  
Vermont Yankee  
Fitness-For-Duty Program Performance Report  
For the Period of January through June 2007

**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 Entergy's Vermont Yankee for the period from January through June 2007 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 Vermont Yankee's Fitness-For-Duty program and lessons learned.

At Vermont Yankee, Entergy considers Wackenhut Security contractors to be long-term and all other contractors to be short-term for the purposes of the Fitness-For-Duty program.

**RANDOM TESTING RATE**

For this period, 22.85% of the workforce was 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 four-hundred-thirty-seven (437) pre-access tests were performed during this period. Twenty-Four (24) employees; four (4) long-term contractors and four-hundred-nine (409) short term contractors.

Four short-term contractor test results were positive. Two were for marijuana > 100 ng. and one was positive for cocaine. All three were denied access for a minimum of three years. One short-term contractor tested positive for alcohol. He was in a follow-up program during his previous access period so he was denied access for a minimum of three years.

All other tests under this category were negative.

### Random Testing

A total of two-hundred-fifty (250) random tests were performed during this period. One-hundred-twenty-eight (128) employees; thirty (30) long-term contractors and ninety-two (92) short-term contractors.

One short-term contractor test result was positive for marijuana > 100 ng. He was denied access for a minimum of three years.

All other tests under this category were negative.

### For-Cause Testing

A total of six (6) for-cause tests were performed during this period. One (1) employee post-accident; two (2) long-term contractor post accident and three (3) short-term contractor – (2 post-accident and 1 observed behavior).

All tests under this category were negative.

### Follow-Up Testing

A total of thirty-nine follow-up tests were performed during this period. Nine (9) employees and thirty (30) short-term contractors were tested.

All tests under this category 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 three (3) tests were performed during this period. All three tests were on short-term contractors.

All tests under this category 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.

There were no notable lessons learned or program events identified during this period.



Attachment IV to ENOC-07-00030

Fitness For Duty Program  
Semi-Annual Performance Data Report - Personnel Subject to 10CFR26

Section I - Company Data

<b>Company:</b> Entergy – Vermont Yankee	<b>Six-Month Period:</b> 07/01/2006 to 12/31/2006
<b>Location:</b> Governor Hunt Road P.O. Box 157 Vernon, VT 05354	<b>Drugs Tested For</b>
<b>Contact:</b> Barb Renney Supervisor, Investigations & Fitness for Duty	<b>Screen/Confirmation (ng/ml)</b>
<b>Phone:</b> (802) 258-5801	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		
	578.67			114.29			401.03			1093.99		
Category	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused
Follow-Up	9	0	0	0	0	0	30	0	0	39	0	0
Observed Behavior	0	0	0	0	0	0	1	0	0	1	0	0
Other	0	0	0	0	0	0	3	0	0	3	0	0
Post Accident	1	0	0	2	0	0	2	0	0	5	0	0
Pre-Access	24	0	0	4	0	0	409	4	0	437	4	0
Random	128	0	0	30	0	0	92	1	0	250	1	0
<b>Total</b>	<b>162</b>	<b>0</b>	<b>0</b>	<b>36</b>	<b>0</b>	<b>0</b>	<b>537</b>	<b>5</b>	<b>0</b>	<b>735</b>	<b>5</b>	<b>0</b>

Section III - Breakdown of Confirmed Positive Tests for Specific Substances

	Alcohol	Ampheta- mines	Cocaine	Marijuana 50	Marijuana 100	Opiates	Phencycli- dine	FFD Violation	Refused	Total
Licensee Employee	0	0	0	0	0	0	0	0	0	0
Long-Term Contractor	0	0	0	0	0	0	0	0	0	0
Short-Term Contractor	1	0	1	0	3	0	0	0	0	5
<b>Total</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>

Note: 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 ENOC-07-00030

Section IV - Breakdown of Tests With Multiple Detected Drugs

	Alcohol	Ampheta- mines	Cocaine	Marijuana 50	Marijuana 100	Opiates	Phencyli- dine	FFD Violation	Refused
0									

Section V - Blind Testing Results

Q1	12.02 %
Q2	12.37 %
Period	12.24 %

Section VI - Random Testing Results

For Period 22.85 %