



**Entergy Nuclear Northeast**  
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February 28, 2007  
ENOC-07-00002

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 July 2006 – December 2006**

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 July 2006 through December 2006 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.

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, Licensing  
Entergy Nuclear Operations, Inc.

Attachments: As stated  
cc: Next page

A021

cc:

Mr. Samuel J. Collins  
Regional Administrator, Region I  
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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's Office  
Pilgrim Nuclear Power Station  
U.S. Nuclear Regulatory Commission  
600 Rocky Hill Road  
Mail Stop 66  
Plymouth, MA 02360

Resident Inspector's Office  
Vermont Yankee Nuclear Power Station  
U.S. Nuclear Regulatory Commission  
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

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-07-00002

**JAMES A. FITZPATRICK NUCLEAR POWER PLANT**  
**FITNESS FOR DUTY PROGRAM**  
**PERFORMANCE REPORT FOR**  
**JULY 2006 THROUGH DECEMBER 2006**

(5 pages)

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

Entergy Nuclear Operations, Inc.  
James A. FitzPatrick Nuclear Power Plant  
Fitness-for-Duty Program Performance Report  
For the Period July through December 2006

## 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 (JAF) for the period July through December 2006 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, 25.21% of the workforce was tested randomly. The annual random testing rate for 2006 was 53.78%.

## **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 770 pre-access tests (13-employees, 757-contractors) were administered. All employee pre-access tests were negative. One pre-access test for a contractor was positive for Cocaine and 2 pre-access tests for contractors were positive for Marijuana. Access was denied for a minimum of 3 years. One contractor tested below the cut-off level for alcohol but was not hired. All other tests were negative.

### Random Testing

A total of 267 random tests (214-employees, 53-contractors) were administered. All tests were negative.

### For Cause Testing

There were 23 for cause tests (5 employees and 18 contractors) during this period. Five employee for-cause tests were administered (3 for observed behavior and 2 for post accident). One employee who was tested for observed behavior after an odor of alcohol was detected tested positive for alcohol. A mandatory EAP referral was completed and the employee was returned to work after signing a re-entry agreement and was placed in the follow up program. All other employee tests were negative. There were 18 contractors for cause tests administered during this period (2 for observed behavior and 16 for post accident). One contractor tested for observed behavior after the odor of alcohol was detected tested positive for alcohol. Access was denied for at least 1 year. All other contractor tests were negative.

### Follow Up Testing

There were 60 follow up tests (12-employees and 48-contractors) administered during this reporting period. One employee tested below the cut off level but having violated his re-entry agreement was initially placed on Administrative hold and then allowed to resign. All other 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 22 atypical tests, 5 employees and 17 contractors. One contractor had a pre-access dilute specimen and was notified that he needed to provide a repeat observed specimen. Individual left without providing the specimen and was deemed a refusal to test. This individual was sent a denial letter indicating that a refusal to test was considered a positive and his access would be denied for a minimum of 3 years. All other 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

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 during this period.

Attachment I TO ENOC-07-00002

Fitness For Duty Program

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

Section I - Company Data

<p><b>Company:</b> JAF</p> <p><b>Location:</b> James A. FitzPatrick Nuclear Power Plant PO Box 110 Lycoming NY 13093</p> <p><b>Contact:</b> Ronald Owen Acting Supervisor of Investigations &amp; Fitness for Duty</p> <p><b>Phone:</b> (315) 349-6426</p>	<p align="center"><b>Six-Month Period: 07/01/2006 to 12/31/2006</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Drugs Tested For</th> <th style="text-align: left;">Screen/Confirmation (ng/ml)</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> <p align="center">Random Testing Rate: NLT 50% per annum.</p>	Drugs Tested For	Screen/Confirmation (ng/ml)	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
Drugs Tested For	Screen/Confirmation (ng/ml)																
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																

Section II - Testing Results

Avg. Workforce	Licensee Employee			Long-Term Contractor			Short-Term Contractor			Total		
	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused
	788.12						271.02			1059.14		
Category	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused
Follow-Up	12	0	0	0	0	0	48	0	0	60	0	0
Observed Behavior	3	1	0	0	0	0	2	1	0	5	2	0
Other	8	0	0	0	0	0	17	0	1	25	0	1
Post Accident	2	0	0	0	0	0	16	0	0	18	0	0
Pre-Access	13	0	0	0	0	0	757	3	0	770	3	0
Random	214	0	0	0	0	0	53	0	0	267	0	0
<b>Total</b>	<b>252</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>893</b>	<b>4</b>	<b>1</b>	<b>1145</b>	<b>5</b>	<b>1</b>

Section III - Breakdown of Confirmed Positive Tests for Specific Substances

	Alcohol	Amphetamines	Cocaine	Marijuana 50	Marijuana 100	Opiates	Phencyclidine	FFD Violation	Refused	Total
Licensee Employee	1	0	0	0	0	0	0	0	0	1
Short-Term Contractor	1	0	1	0	2	0	0	0	1	5
<b>Total</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>6</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.

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

Q3	11.85 %
Q4	11.75 %
<hr/>	
Period	11.79 %

Section VI - Random Testing Results

For Period	25.21 %
For Year	53.78 %

Attachment II TO ENOC-07-00002

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

**FITNESS FOR DUTY PROGRAM  
PERFORMANCE REPORT FOR  
JULY 2006 THROUGH DECEMBER 2006**

(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 July through December 2006

**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 July through December 2006 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, 26.16% of the workforce was tested randomly. The annual testing rate for 2006 was 51.28%.

## **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 two hundred and forty six (246) pre-access tests were performed (41-employees and 205-contractors).

All employee tests were negative.

Five (5) contractor tests were positive; one (1) for cocaine, one (1) for Phencyclidine (PCP) and two (2) for marijuana (2  $\geq$ 50ng/ml, 1  $\geq$ 100ng/ml). 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.

### Random Testing

A total of four-hundred and thirty eight (438) random tests were performed (359-employees and 79-contractors).

Two (2) employees tested positive for alcohol. Both individuals received mandatory EAP referrals and were placed in the follow-up program.

Three (3) contractor tests were positive; two (2) for cocaine and one (1) for Opiates (morphine). These individuals were denied access to the site for three years.

### For-Cause Testing

A total of eight (8) for-cause (5-employee and 3-contractor) tests were performed. Four (4) tests were for observed behavior and four (4) tests were post accident.

One (1) employee (observed behavior) tested positive for cocaine. The individual received a mandatory EAP referral but was terminated due to other employment issues.

All contractor tests were negative.

### Follow-Up Testing

A total of fourteen (14) follow-up (6-employee and 8-contractor) tests were performed.

One (1) employee tested positive for alcohol. Individual was permanently denied access to the site.

All contractor 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 nine (9) tests were performed (3-employee and 6-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 lessons learned or program events during this period.

Attachment II TO ENOC-07-00002

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> 07/01/2006 to 12/31/2006																
<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
<u>Drugs Tested For</u>		<u>Screen/Confirmation (ng/ml)</u>															
Marijuana	100/15																
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Cocaine	300/150																
Opiates	300/300																
Amphetamines	1000/500																
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

Avg. Workforce	Licensee Employee			Long-Term Contractor			Short-Term Contractor			Total		
	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused
	1,342	60					331	64		1,674	24	
Category	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused
Follow-Up	6	1	0	0	0	0	8	0	0	14	1	0
Observed Behavior	3	1	0	0	0	0	1	0	0	4	1	0
Other	3	0	0	0	0	0	6	0	0	9	0	0
Post Accident	2	0	0	0	0	0	2	0	0	4	0	0
Pre-Access	41	0	0	0	0	0	205	5	0	246	5	0
Random	359	2	0	0	0	0	79	3	0	438	5	0
<b>Total</b>	<b>414</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>301</b>	<b>8</b>	<b>0</b>	<b>715</b>	<b>12</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	3	0	1	0	0	0	0	0	0	4
Short-Term Contractor	1	0	3	2	1	1	1	0	0	9
<b>Total</b>	<b>4</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>13</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-07-00002

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	0	1	1	0	0	0	0

Section V - Blind Testing Results

Q3	11.63 %
Q4	13.13 %
<hr/>	
Period	12.59 %

Section VI - Random Testing Results

For Period	26.16 %
For Year	51.28 %

Attachment III TO ENOC-07-00002

**PILGRIM NUCLEAR POWER STATION  
FITNESS FOR DUTY PROGRAM  
PERFORMANCE REPORT FOR  
JULY 2006 THROUGH DECEMBER 2006**

(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 July through December 2006

**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 July through December 2006 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 Pilgrim Station's Fitness-For-Duty program and lessons learned.

At Pilgrim Station, 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, 24.72% of the workforce was tested randomly. The annual testing rate for 2006 was 51.39%.

## **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 ninety-four (94) pre-access tests were performed (32 employees; 5 long-term contractors and 57 short-term contractors).

All tests under this category were negative.

### Random Testing

A total of two-hundred and eight (208) random tests were performed (166 employees; 31 long-term contractors and 11 short-term contractors).

One (1) employee tested positive for alcohol. He was denied access for a minimum of one year as he was a new employee and had not completed his probationary period with Entergy.

One (1) long-term contractor test was positive for marijuana at a level exceeding 100ng. This individual was denied access to the site for a minimum of three years.

All other tests under this category were negative.

### For-Cause Testing

A total of two (2) for-cause (2 employee post accident) tests were performed.

All tests under this category were negative.

### Follow-Up Testing

A total of six (6) follow-up (4 employee and 2 short-term contractor) tests were performed.

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 two (2) tests were performed (1 employee and 1 short-term contractor).

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 III to ENOC-07-00002

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> 07/01/2006 to 12/31/2006
<b>Location:</b> Pilgrim Station 600 Rocky Hill Road Plymouth, MA 02360	<b>Drugs Tested For</b> <b>Screen/Confirmation (ng/ml)</b>
<b>Contact:</b> Barb Renney Supervisor, 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

Avg. Workforce	Licensee Employee			Long-Term Contractor			Short-Term Contractor			Total		
	599.82			132.22			109.42			841.46		
Category	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused
Follow-Up	4	0	0	0	0	0	2	0	0	6	0	0
Observed Behavior	0	0	0	0	0	0	0	0	0	0	0	0
Other	1	0	0	0	0	0	1	0	0	2	0	0
Post Accident	2	0	0	0	0	0	0	0	0	2	0	0
Pre-Access	32	0	0	5	0	0	57	0	0	94	0	0
Random	166	1	0	31	1	0	11	0	0	208	2	0
<b>Total</b>	<b>205</b>	<b>1</b>	<b>0</b>	<b>36</b>	<b>1</b>	<b>0</b>	<b>71</b>	<b>0</b>	<b>0</b>	<b>312</b>	<b>2</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	1	0	0	0	0	0	0	0	0	1
Long-Term Contractor	0	0	0	0	1	0	0	0	0	1
Short-Term Contractor	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</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-07-00002

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	12.73 %
Q2	12.24 %
<hr/>	
Period	12.50 %

Section VI - Random Testing Results

For Period	24.72 %
For Year	51.39 %

Attachment IV TO ENOC-07-00002

**VERMONT YANKEE NUCLEAR POWER STATION**  
**FITNESS FOR DUTY PROGRAM**  
**PERFORMANCE REPORT FOR**  
**JULY 2006 THROUGH DECEMBER 2006**

(5 pages)

**ENTERGY 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 July through December 2006

**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 July through December 2006 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 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, 24.97% of the workforce was tested randomly. The annual testing rate for 2006 was 53.32%.

## **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-hundred and eighty-nine (189) pre-access tests were performed (39 employees; 6 long-term contractors and 144 short-term contractors).

One short-term contractor pre-access test result was positive for marijuana > 100ng. 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 and twenty (220) random tests were performed (133 employees; 38 long-term contractors and 49 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 long-term contractor post accident and 1 short-term contractor observed behavior) tests were performed.

All tests under this category were negative.

### Follow-Up Testing

A total of eighteen (18) follow-up (10 employee and 8 short-term contractor) tests were performed.

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 two (2) tests were performed (2 employees).

All tests under this category were negative.

Events Reported

There was one reportable event during this period. An Entergy supervisor admitted use of illegal substances during a random test process. The employee was not involved in any safety related activities and was not licensed. The result of the test was negative. The employee was denied access for a minimum of fourteen days and sent for mandatory EAP evaluation. The employee was entered into the follow-up testing program upon return to work.

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-07-00002

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	<table border="1"> <thead> <tr> <th>Drugs Tested For</th> <th>Screen/Confirmation (ng/ml)</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>	Drugs Tested For	Screen/Confirmation (ng/ml)	Marijuana	100/15	Marijuana	50/15	Cocaine	300/150	Opiates	300/300	Amphetamines	1000/500	Phencyclidine	25/25	Alcohol (%BAC)	0.04% BAC
Drugs Tested For		Screen/Confirmation (ng/ml)															
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Phencyclidine	25/25																
Alcohol (%BAC)	0.04% BAC																
<b>Contact:</b> Barb Renney Supervisor, Investigations & Fitness for Duty																	
<b>Phone:</b> (802) 258-5801	Random Testing Rate: NLT 50% per annum.																

Section II - Testing Results

Avg. Workforce	Licensee Employee			Long-Term Contractor			Short-Term Contractor			Total		
	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused
	559.31			111.53			210.39			881.23		
Category	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused
Follow-Up	10	0	0	0	0	0	8	0	0	18	0	0
Observed Behavior	1	0	0	0	0	0	1	0	0	2	0	0
Other	2	0	0	0	0	0	0	0	0	2	0	0
Post Accident	0	0	0	1	0	0	0	0	0	1	0	0
Pre-Access	39	0	0	6	0	0	144	1	0	189	1	0
Random	133	0	0	38	0	0	49	0	0	220	0	0
<b>Total</b>	<b>185</b>	<b>0</b>	<b>0</b>	<b>45</b>	<b>0</b>	<b>0</b>	<b>202</b>	<b>1</b>	<b>0</b>	<b>432</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
Long-Term Contractor	0	0	0	0	0	0	0	0	0	0
Short-Term Contractor	0	0	0	0	1	0	0	0	0	1
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</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 IV to ENOC-07-00002

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	14.49 %
Q2	14.22 %
<hr/>	
Period	14.35 %

Section VI - Random Testing Results

For Period	24.97 %
For Year	53.32 %