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Michael R. Kansler  
President

August 29, 2006  
ENOC-06-00018

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 2006 – June 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 January 2006 through June 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.

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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,



Michael R. Kansler  
President  
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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Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
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U.S. Nuclear Regulatory Commission  
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Resident Inspector's Office  
James A. FitzPatrick Nuclear Power Plant  
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Mr. Michael Webb, Project Manager  
Generic Communications &  
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U.S. Nuclear Regulatory Commission  
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Senior Resident Inspector's Office  
Pilgrim Nuclear Power Station  
U.S. Nuclear Regulatory Commission  
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Resident Inspector's Office  
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Vernon, VT 05354

Mr. Paul Eddy  
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Albany, NY 12223

Mr. Peter R. Smith  
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ATTACHMENT I TO ENOC-06-00018

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

(4 pages)

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

## ATTACHMENT I TO ENOC-06-00018

Entergy Nuclear Operations, Inc.  
James A. FitzPatrick Nuclear Power Plant  
Fitness-for-Duty Program Performance Report  
For the Period January through June 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 for the period January through June 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, 28.96% 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-06-00018

### Pre-Access Testing

A total of 74 pre-access tests (31-employees, 43-contractors) were administered. All tests were negative.

### Random Testing

A total of 255 random tests (239-employees, 16-contractors) were administered. All tests were negative.

### For Cause Testing

One employee for-cause test was performed during this period, following a procedural error. The test was negative. One contractor for-cause test was performed during this period for a near miss, a crane became "unbalanced" while moving a load of materials. The test result was negative.

### Follow Up Testing

There were 14 follow up tests (12-employees and 2-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 10 atypical tests, 9 employees and 1 contractor. 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

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 1 to ENOC-06-00018

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

Section I - Company Data

<b>Company:</b> JAF	<b>Six-Month Period:</b> 01/01/2006 to 06/30/2006																
<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
<u>Drugs Tested For</u>	<u>Screen/Confirmation (ng/ml)</u>																
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Amphetamines	1000/500																
Phencyclidine	25/25																
Alcohol (%BAC)	0.04% BAC																
<b>Contact:</b> Michael Warchol Acting Supervisor of Investigations & Fitness for Duty																	
<b>Phone:</b> (315) 349-6493																	
	Random Testing Rate: NLT 50% per annum.																

Section II - Testing Results

Avg. Workforce	Licensee Employee			Long-Term Contractor			Short-Term Contractor			Total		
	770.79						109.82			880.61*		
Category	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused
Follow-Up	12	0	0	0	0	0	2	0	0	14	0	0
Observed Behavior	1	0	0	0	0	0	0	0	0	1	0	0
Other	12	0	0	0	0	0	1	0	0	13	0	0
Post Accident	0	0	0	0	0	0	1	0	0	1	0	0
Pre-Access	31	0	0	0	0	0	43	0	0	74	0	0
Random	239	0	0	0	0	0	16	0	0	255	0	0
<b>Total</b>	<b>295</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>63</b>	<b>0</b>	<b>0</b>	<b>358</b>	<b>0</b>	<b>0</b>

\* May include 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	Phencycli- dine	FFD Violation	Refused	Total
Licensee Employee	0	0	0	0	0	0	0	0	0	0
Short-Term Contractor	0	0	0	0	0	0	0	0	0	0
<b>Total</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>0</b>	<b>0</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 1 to ENOC-06-00018

Section IV - Breakdown of Tests With Multiple Detected Drugs

	Alcohol	Ampheta- mines	Cocaine	Marijuana 50	Marijuana 100	Opiates	Phencycli- dine	FFD Violation	Refused
None									

Section V - Blind Testing Results

Q1	15.34 %
Q2	12.82 %
<hr/>	
Period	13.97 %

Section VI - Random Testing Results

For Period 28.96 %



**ATTACHMENT II TO ENOC-06-00018**

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

**FITNESS FOR DUTY PROGRAM  
PERFORMANCE REPORT FOR  
JANUARY 2006 THROUGH JUNE 2006**

(4 pages)

**ENTERGY 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**

## ATTACHMENT II TO ENOC-06-00018

### 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 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 cut-off levels, including results of tests using lower cut-off levels;
3. Workforce populations 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 (IPEC) for the period from January 2006 through June 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 10CFR26 is included in this report. The additional section summarizes events related to the IPEC 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, 25.15% 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.

## ATTACHMENT II TO ENOC-06-00018

### Pre-Access Testing

A total of 696 pre-access tests were performed (55-employees and 641-contractors). All employee tests were negative.

Sixteen (16) contractor tests were positive: eight (8)-cocaine and six (6)-marijuana ( $6 \geq 50\text{ng/ml}$ ,  $5 \geq 100\text{ng/ml}$ ), and one individual was tested positive for both cocaine and marijuana. All individuals were denied access to the site for three years. Two (2) tested positive for alcohol and both individuals were denied access to the site for one year.

### Random Testing

A total of 464 random tests were performed (364-employees and 100-contractors). All employee tests were negative. One (1) contractor refused to participate in random FFD testing which resulted in a positive test. The individual was denied access to the site for three (3) years.

### For-Cause Testing

A total of twenty-one (21) for-cause (fifteen (15)-employee and six (6) contractors) tests were performed. Twelve (12) tests were for observed behavior and nine (9) tests were post accident. All employee tests were negative. One (1) contractor (observed behavior) tested positive for alcohol. The individual was denied access to the site for one year.

### Follow-Up Testing

A total of thirty-one (31) follow-up (nine (9)-employee and twenty-two (22)-contractor) tests were performed. 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. A total of eleven (9) tests were performed (1-employee and 8 contractors). All tests 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-06-00018

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

Section I - Company Data

<b>Company:</b> (IPEC) Indian Point Entergy Center	<b>Six-Month Period:</b> 01/01/2006 to 06/30/2006																
<b>Location:</b> Indian Point Entergy 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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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
	1,380.78			0.0			463.87			1844.76*		
<b>Category</b>	<b>Tested</b>	<b>Positive</b>	<b>Refused</b>	<b>Tested</b>	<b>Positive</b>	<b>Refused</b>	<b>Tested</b>	<b>Positive</b>	<b>Refused</b>	<b>Tested</b>	<b>Positive</b>	<b>Refused</b>
Follow-Up	9	0	0	0	0	0	22	0	0	31	0	0
Observed Behavior	9	0	0	0	0	0	3	1	0	12	1	0
Other	1	0	0	0	0	0	8	0	0	9	0	0
Post Accident	6	0	0	0	0	0	3	0	0	9	0	0
Pre-Access	55	0	0	0	0	0	641	15	0	696	15	0
Random	364	0	0	0	0	0	100	0	1	464	0	1
<b>Total</b>	<b>444</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>777</b>	<b>16</b>	<b>1</b>	<b>1221</b>	<b>16</b>	<b>1</b>

\* May include 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	Phencycli- dine	FFD Violation	Refused	Total
Licensee Employee	0	0	0	0	0	0	0	0	0	0
Short-Term Contractor	3	0	8	6	5	0	0	0	1	23
Unknown	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>3</b>	<b>0</b>	<b>8</b>	<b>6</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>23</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-06-00018

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	1	0	0	0	0

Section V - Blind Testing Results

Q1	11.70 %
Q2	11.46 %
<hr/>	
Period	11.55 %

Section VI - Random Testing Results

For Period 25.15 %

ATTACHMENT III TO ENOC-06-00018

**PILGRIM NUCLEAR POWER STATION  
FITNESS FOR DUTY PROGRAM  
PERFORMANCE REPORT FOR  
JANUARY 2006 THROUGH JUNE 2006**

(4 pages)

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

## ATTACHMENT III TO ENOC-06-00018

### Entergy Nuclear Operations, Inc. Pilgrim Station Nuclear Power Plant Fitness-for-Duty Program Performance Report For the Period January through June 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 cut-off levels, including results of tests using lower cut-off levels;
3. Workforce populations 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 Station (PNPS) for the period January 2006 through June 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.

#### RANDOM TESTING RATE

For this period, 26.68% of the workforce was randomly tested.

#### 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 III TO ENOC-06-00018

### Pre-Access Testing

A total of 129 "pre-access" tests were administered during this period (53 licensee employees, 19 long-term contractors and 57 short-term contractors). One short-term contractor pre-access test result was positive for marijuana  $\geq 100\text{ng/ml}$ ; resulting in a denial of unescorted access authorization for three years. All remaining "pre-access" test results were negative.

### Random Testing

A total of 223 "random" tests (176 licensee employees, 35 long-term contractors, and 12 short-term contractors) were administered during this period. All "random" test results were negative.

### For Cause Testing (Observed Behavior and Post Accident)

No "for-cause" tests were administered during this period.

### Follow Up Testing

A total of 12 "follow-up" tests (10 licensee employees, and 2 short-term contractors) were administered during this period. One licensee employee tested positive for alcohol; resulting in a termination of employment and permanent denial of unescorted access authorization. All remaining "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. A total of 8 "other" (atypical) tests (5 licensee employees, 1 long-term contractor, and 2 short-term contractors) were administered during this period. One licensee employee supervisor tested positive for marijuana  $\geq 50\text{ng/ml}$ ; resulting in a revocation of unescorted access authorization for a minimum of 14 days and referral to EAP. The individual resigned his employment with Entergy. All remaining "Other" test results were declared negative.

### Events Reported

The positive test for the licensee employee supervisor listed above in the "other" category resulted in a required 24 hour notification to NRC. No performance indicators were identified during this period.

### Lessons Learned and Program Events

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



Attachment III to ENOC-06-00018

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

Section I - Company Data

<b>Company:</b> Entergy – Pilgrim Station	<b>Six-Month Period:</b> 01/01/2006 to 06/30/2006																
<b>Location:</b> 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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Alcohol (%BAC)	0.04% BAC																
<b>Contact:</b> Barb Renney Supervisor, Investigations & Fitness for Duty																	
<b>Phone:</b> (508) 830-8285																	
	Random Testing Rate: NLT 50% per annum.																

Section II - Testing Results

Avg. Workforce	Licensee Employee			Long-Term Contractor			Short-Term Contractor			Total		
	586.20			157.22			92.38			835.85*		
Category	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused
Follow-Up	10	1	0	0	0	0	2	0	0	12	1	0
Observed Behavior	0	0	0	0	0	0	0	0	0	0	0	0
Other	5	1	0	1	0	0	2	0	0	8	1	0
Post Accident	0	0	0	0	0	0	0	0	0	0	0	0
Pre-Access	53	0	0	19	0	0	57	1	0	129	1	0
Random	176	0	0	35	0	0	12	0	0	223	0	0
<b>Total</b>	<b>244</b>	<b>2</b>	<b>0</b>	<b>55</b>	<b>0</b>	<b>0</b>	<b>73</b>	<b>1</b>	<b>0</b>	<b>372</b>	<b>3</b>	<b>0</b>

\* May include 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	Phencycli- dine	FFD Violation	Refused	Total
Licensee Employee	1	0	0	1	0	0	0	0	0	2
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>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</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-06-00018

Section IV - Breakdown of Tests With Multiple Detected Drugs

	Alcohol	Ampheta- mines	Cocaine	Marijuana 50	Marijuana 100	Opiates	Phencyli- dine	FFD Violation	Refused
None									

Section V - Blind Testing Results

Q1	13.66 %
Q2	11.11 %
<hr/>	
Period	12.37 %

Section VI - Random Testing Results

For Period 26.68 %

ATTACHMENT IV TO ENOC-06-00018

**VERMONT YANKEE NUCLEAR POWER STATION  
FITNESS FOR DUTY PROGRAM  
PERFORMANCE REPORT FOR  
JANUARY 2006 THROUGH JUNE 2006**

(4 pages)

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

## ATTACHMENT IV TO ENOC-06-00018

### Entergy Nuclear Operations, Inc. Vermont Yankee Nuclear Power Plant Fitness-for-Duty Program Performance Report For the Period January through June 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 cut-off levels, including results of tests using lower cut-off levels;
3. Workforce populations 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 (VY) for the period January 2006 through June 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.

#### RANDOM TESTING RATE

For this period, 28.38% of the workforce was randomly tested.

#### 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 IV TO ENOC-06-00018

### Pre-Access Testing

A total of 152 "pre-access" tests (46 licensee employees, 13 long-term contractors, and 93 short-term contractors) were administered during this period. All licensee employees and long-term contractor "pre-access" tests results were negative. 3 short-term contractor pre-access tests were positive (1 for marijuana $\geq$ 50ng/ml; 1 for marijuana $\geq$ 100ng/ml; and the remaining positive test result was for opiates). These 3 short-term contractors were all denied unescorted access authorization for 3 years. The remaining short-term contractor "pre-access" test results were negative.

### Random Testing

A total of 246 "random" tests (166 licensee employees, 41 long-term contractors, and 39 short-term contractors) were administered during this period. All "random" test results were negative.

### For Cause Testing (Observed Behavior and Post Accident)

A total of 2 post-accident "for-cause" tests were administered during this period. Both were long-term contractors and both test results were negative.

### Follow Up Testing

A total of 18 "follow-up" tests (12 licensee employees, 2 long-term contractors, and 4 short-term contractors) were administered during this period. 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 was 1 (short-term contractor) "other" (atypical) test administered during this period. The result was negative.

### Events Reported

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

### Lessons Learned and Program Events

No lessons learned or program events were identified during this period.

Attachment IV to ENOC-06-00018

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

Section I - Company Data

<b>Company:</b> Entergy – Vermont Yankee	<b>Six-Month Period:</b> 01/01/2006 to 06/30/2006																
<b>Location:</b> Governor Hunt Road PO Box 157 Vernon, VT 05354	<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																
Marijuana	50/15																
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Opiates	300/300																
Amphetamines	1000/500																
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

	Licensee Employee			Long-Term Contractor			Short-Term Contractor			Total		
Avg. Workforce	578.54			114.33			173.85			866.72*		
Category	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused	Tested	Positive	Refused
Follow-Up	12	0	0	2	0	0	4	0	0	18	0	0
Observed Behavior	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	1	0	0	1	0	0
Post Accident	0	0	0	2	0	0	0	0	0	2	0	0
Pre-Access	46	0	0	13	0	0	93	3	0	152	3	0
Random	166	0	0	41	0	0	39	0	0	246	0	0
<b>Total</b>	<b>224</b>	<b>0</b>	<b>0</b>	<b>58</b>	<b>0</b>	<b>0</b>	<b>137</b>	<b>3</b>	<b>0</b>	<b>419</b>	<b>3</b>	<b>0</b>

\* May include 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	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	1	1	1	0	0	0	3
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</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-06-00018

Section IV - Breakdown of Tests With Multiple Detected Drugs

	Alcohol	Ampheta- mines	Cocaine	Marijuana 50	Marijuana 100	Opiates	Phencycli- dine	FFD Violation	Refused
None									

Section V - Blind Testing Results

Q1	18.02 %
Q2	16.75 %
Period	17.42 %

Section VI - Random Testing Results

For Period 28.38 %