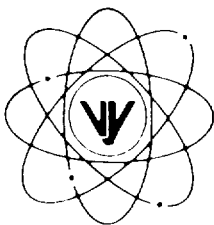


VERMONT YANKEE NUCLEAR POWER CORPORATION



P.O. Box 157, Governor Hunt Road
Vernon, Vermont 05354-0157
(802) 257-7711

February 10, 2000
BVY 00-18

U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

ATTN: Document Control Desk

Reference: a) License No. DPR-28 (Docket No. 50-271)

Dear Sir:

Subject: **Fitness for Duty Program for the Period 7/1/99 -- 12/31/99**

Pursuant to the provisions of 10 CFR 26.71, enclosed is the testing data and associated results for the Fitness for Duty Program at Vermont Yankee. The attached information includes both our corporate and plant locations as our program does not distinguish between the two sites but treats them as a single entity.

Also, provided as Attachment A, is the evaluation of the data for the period.

We trust that the enclosed information is adequate; however, should you have any questions, please feel free to contact us.

Very truly yours,

Vermont Yankee Nuclear Power Corporation

A handwritten signature in cursive script that reads "Michael A. Balduzzi".

Michael A. Balduzzi
Plant Manager

A021

Fitness For Duty Program

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

Section I - Company Data

Company: Vermont Yankee Nuclear Power	Six-Month Period: 7/1/99 - 12/31/99																
Location: Governor Hunt Road P.O. Box 157 Vernon, VT 05354	<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</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
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Point of Contact: John M. Moriarty, Security Manager	Random Testing Rate: NLT 50% per annum.																
Phone #: (802)258-5801																	

Section II - Testing Results

Average Number with Unescorted Access	Licensee Employees			Long-Term Contractors			Short-Term Contractors		
	459			276			402		
Categories	# Tested	# Positive	# Refused	# Tested	# Positive	# Refused	# Tested	# Positive	# Refused
Pre-Access	13	0	0	57	1	0	562	1	0
For-Cause: Post-Accident	0	0	0	0	0	0	0	0	0
For-Cause: Observed	0	0	0	0	0	0	2	0	0
Random	173	0	0	137	2	0	114	1	0
Follow-up	6	0	0	1	0	0	7	0	0
Other	11	0	0	69	0	0	24	0	0
Totals	203	0	0	264	3	0	709	2	0

Section III - Breakdown of Confirmed Positive Tests for Specific Substances

	Refusal to Test	Marijuana		Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Total
		100/15	50/15						
Licensee Employees	0	0	0	0	0	0	0	0	0
Long-Term Contractors	0	3	0	0	0	0	0	0	3
Short-Term Contractors	0	1	0	1	0	0	0	0	2
Totals	0	4	0	1	0	0	0	0	5

Attachment A

Evaluation of FFD Data

7/1/99 – 12/31/99

For-Cause Test Results

- Two (2) For-Cause tests were required to be administered during this evaluation period. Tests were initiated based on observed behavior and alcohol odor. Both tests were negative for alcohol.

Positive Test Results

- There were five (5) positive test results during this period. Two (2) Positive test results were in our pre-access screening program during Refueling Outage 21. One positive for THC and one for cocaine. Both individuals were contract personnel and were denied unescorted access authorization. During Random testing for the six-month period, three (3) individuals tested positive for THC, with two (2) contract personnel being immediately terminated and one (1) contract individual being referred to the appropriate EAP for assistance. Following rehabilitation, this worker was entered into the Follow-Up Testing Program and allowed to return to work.

Follow-up Testing Program

- One (1) individual successfully concluded the Vermont Yankee Follow-Up Testing Program during this period.
- Three (3) individuals were placed into the Vermont Yankee Follow-Up Testing Program since last report. All are performing testing requirements satisfactorily.

Test Results Assessment

- The test results for this period compared to previous periods indicate that Vermont Yankee continues to maintain an effective FFD program which ensures that the plant site remains a work environment free from the effects of drugs and alcohol. The number of positive test results experienced during this period are better than expected during a period that include a refueling outage.