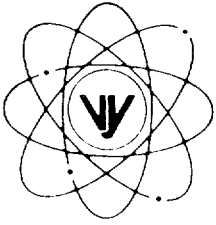


VERMONT YANKEE NUCLEAR POWER CORPORATION



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

February 7, 2001
BVY 01-10

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 7/1/00– 12/31/00**

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 attached 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

Kevin H. Bronson
Plant Manager

A021

Fitness For Duty Program

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

Section I - Company Data

<p>Company: Vermont Yankee Nuclear Power</p> <p>Location: Governor Hunt Road P.O. Box 157 Vernon, VT 05354</p> <p>Point of Contact: John M. Moriarty, Security Manager</p> <p>Phone #: (802)258-5801</p>	<p>Six-Month Period: 7/1/00 - 12/31/00</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</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>Random Testing Rate: NLT 50% per annum.</p>	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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Section II - Testing Results

	Licensee Employees			Long-Term Contractors			Short-Term Contractors		
Average Number with Unescorted Access	445			55			329		
Categories	# Tested	# Positive	# Refused	# Tested	# Positive	# Refused	# Tested	# Positive	# Refused
Pre-Access	25	0	0	22	0	0	106	0	0
For-Cause: Post-Accident	0	0	0	0	0	0	0	0	0
For-Cause: Observed	0	0	0	0	0	0	0	0	0
Random	136	0	0	20	0	0	60	2	0
Follow-up	12	0	0	0	0	0	15	0	0
Other	0	0	0	22	0	0	69	0	0
Totals	173	0	0	64	0	0	250	2	0

Section III - Breakdown of Confirmed Positive Tests for Specific Substances

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

Attachment A

Evaluation of FFD Data

7/1/00 – 12/31/00

For-Cause Test Results

- No for-cause tests were required to be administered during this evaluation period.

Positive Test Results

- There were two (2) positive test results during this period. These positives were in our random screening program. These individuals were denied unescorted access authorization.

Follow-up Testing Program

- Based on behavioral observation, one (1) individual was placed into the Vermont Yankee Follow-Up Testing Program and one (1) individual completed the program, for a total of seven (7) individuals in the program. All are performing testing requirements satisfactorily.

Test Results Assessment

- The test results for this period 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.