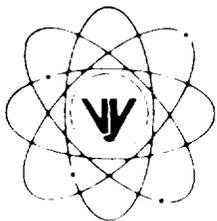


VERMONT YANKEE NUCLEAR POWER CORPORATION



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

August 16, 2000
BVY 00-72

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 1/1/00 – 6/30/00**

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

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 Location: Governor Hunt Road P.O. Box 157 Vernon, VT 05354 Point of Contact: John M. Moriarty, Security Manager Phone #: (802)258-5801	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: left;">Six-Month Period:</td> <td style="text-align: center;">1/1/00 - 6/30/00</td> </tr> <tr> <td style="text-align: left;">Drugs Tested For</td> <td style="text-align: left;">Screen/Confirmation (ng/ml)</td> </tr> <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> <tr> <td colspan="2">Random Testing Rate: NLT 50% per annum.</td> </tr> </table>	Six-Month Period:	1/1/00 - 6/30/00	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	Random Testing Rate: NLT 50% per annum.	
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Section II - Testing Results

Average Number with Unescorted Access	Licensee Employees			Long-Term Contractors			Short-Term Contractors		
	442			107			285		
Categories	# Tested	# Positive	# Refused	# Tested	# Positive	# Refused	# Tested	# Positive	# Refused
Pre-Access	25	0	0	31	0	0	84	1	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	158	0	0	63	0	0	89	0	0
Follow-up	4	0	0	0	0	0	15	0	0
Other	3	0	0	33	0	0	55	0	0
Totals	190	0	0	127	0	0	243	1	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	0	0	0	0	0	0	0	0
Short-Term Contractors	0	1	0	0	0	0	0	0	1
Totals	0	1	0	0	0	0	0	0	1

Attachment A

Evaluation of FFD Data

1/1/00 – 6/30/00

For-Cause Test Results

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

Positive Test Results

- There was one (1) positive test result during this period. This positive was in our pre-access screening program. The individual was denied unescorted access authorization.

Follow-up Testing Program

- Based on behavioral observation, four (4) individuals were placed into the Vermont Yankee Follow-Up Testing 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.