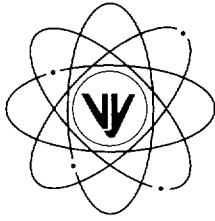


VERMONT YANKEE NUCLEAR POWER CORPORATION



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

July 5, 2001
BVY 01-53

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 1/1/01– 6/30/01**

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

Attachment A

Evaluation of FFD Data

1/1/01 – 6/30/01

For-Cause Test Results

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

Positive Test Results

- There were nine (9) positive test results during this period. These positives were in our pre-access screening program and these individuals were denied unescorted access authorization.

Follow-up Testing Program

- No additional personnel were placed into the Vermont Yankee Follow-Up Testing program during the six-month period, three (3) completed the program, one (1) gave up their unescorted access, with three (3) left 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.

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>1/1/01 - 6/30/01</td> </tr> </table> <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> Random Testing Rate: NLT 50% per annum.	Six-Month Period:	1/1/01 - 6/30/01	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
Six-Month Period:	1/1/01 - 6/30/01																		
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																		

Section II - Testing Results

	Licensee Employees			Long-Term Contractors			Short-Term Contractors		
Average Number with Unescorted Access	450			71			285		
Categories	# Tested	# Positive	# Refused	# Tested	# Positive	# Refused	# Tested	# Positive	# Refused
Pre-Access	30	0	0	419	0	0	90	9	0
For-Cause: Post-Accident	0	0	0	2	0	0	1	0	0
For-Cause: Observed	0	0	0	0	0	0	0	0	0
Random	113	0	0	43	0	0	53	0	0
Follow-up	11	0	0	2	0	0	9	0	0
Other	3	0	0	6	0	0	77	0	0
Totals	157	0	0	472	0	0	230	9	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	6	0	2	0	0	0	1	9
Totals	0	6	0	2	0	0	0	1	9