

VERMONT YANKEE NUCLEAR POWER CORPORATION

P. O. BOX 157
GOVERNOR HUNT ROAD
VERNON, VERMONT 05354

February 12, 1991
BVG 91-16

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 Data for the Period 7/1/90-12/31/90**

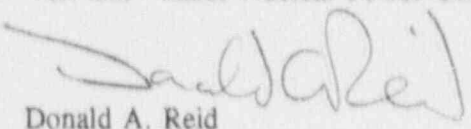
Pursuant to the provisions of 10CFR26.71, enclosed is the testing data and associated results for the Fitness For Duty Program at Vermont Yankee. The attached information includes both our corporate and plant locations as our program does not distinguish between the two sites but treats them as a single entity.

Also, provided as Attachment A, is the evaluation and analysis of the data for this same period.

We trust 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


Donald A. Reid
Plant Manager

/dm

9102150179 910212
PDR ADOCK 05000271
R PDR

A021
11

ATTACHMENT A

EVALUATION OF FFD DATA

7/1/90-12/31/90

Increase in Population

Since there was a scheduled Refueling/Maintenance Outage at Vermont Yankee during this period, a significant increase in the number of people on site was realized. This increase is recognized most in the Short Term Contractor Personnel category, which was utilized for the majority of outage workers. This category was previously not used as all contractors were placed in the Long Term Contractor Personnel pool. This average number of people in the Short-Term pool is a mathematical one for the 12-week period it was used. The population of this pool fluctuated between 43 and 594 people. The random testing rate for this pool was in excess of the required 100% per year. The slight increases in the population of the other pools (Employee and Long Term Contractor Personnel) is attributed to summer help and the outage activities. The random testing rates for these pools was also in excess of the 100% per year criteria. The total number of random tests conducted, since the implementation of the Program, exceeds that required by 10CFR26.

Positive Test Results

- o **Prebadging:** With the increase in the number of people screened for access, we also saw an increase in the number of positives (13). These positives were limited to the Short Term Contractor Personnel category and in accordance with our policy, they were not afforded site access.

The distribution of these positives is as follows:

Marijuana	7	54%
Cocaine	4	31%
Alcohol	2	15%

- o **For Cause:** There were three For Cause tests performed during this reporting period. The tests were performed when the Security Access Control Officer detected the odor of alcohol present on the individuals. Two of the three were denied site access as their BAC was greater than 0.04%. The two individuals, contractor employees, were removed from the VY project by their management and have not returned since that time.
- o **Random:** There were two positive test results in the random testing program, both for alcohol. The same sanctions were applied to both individuals. The VY employee has returned to duty following satisfactory completion of all our policy requirements and is currently in a follow-up testing program (in addition to the random). The contractor employee has not returned to site as the outage ended and the contractor no longer had a need for his services. These two random positive results are the first ones since the implementation of our program.
- o **Other:** This single test was the Return to Duty test required for the individual who tested positive (random - alcohol) to regain access to Vermont Yankee property.

Testing Methodology

The review of our testing schedule reveals that testing "off hours" was performed on 31 occasions during the year. Off hours is considered any time outside of our routine work hours of 0730 to 1630, Monday through Friday. This translates to backshift, weekend and holiday testing. A review of the number of employees tested at least once indicates that our selections (computer random generated) are consistent with the statistical model. Approximately two-thirds of employees were selected at least once. This analysis was only performed on this data base as it is the most stable one of the three considering the contractors are of a transient nature.

Aggregate Positive Test Results

The following is a breakdown of all the positive test results for both the reporting period and the entire year:

	<u>7/1/90 - 12/31/90</u>		<u>1/3/90 - 12/31/90</u>	
Marijuana	7	41%	10	48%
Cocaine	4	23%	5	24%
Alcohol	6	35%	6	28%
TOTAL	17		21	

The percentage of positive test results for the various categories is as follows:

	<u>7/1/90 - 12/31/90</u>		<u>1/3/90 - 12/31/90</u>	
	Prebadge	Random	Prebadge	Random
Licensee Employees	0.0%	0.4%	0.0%	0.25%
Long Term Contractor Personnel	0.0%	0.5%	0.9%	0.3%
Short Term Contractor Personnel	2.2%	0.0%	2.2%	0.0%

When considering all the various types of tests performed, the positive test result rate is 1.09% for 1990.

Reportable Events

There were no notifications made to the NRC Operations Center pursuant to 10CFR26.73 during this reporting period.

**Fitness for Duty Program
Performance Data
Personnel Subject to 10CFR 26**

Vermont Yankee Nuclear Power Corporation	7/1/90 - 12/31/90
Company	6 Months Ending
Box 157, Governor Hunt Rd., Vernon, Vermont 05354	
Location	
Mark T. Varno	(802) 257-7711
Contact Name	Phone (include area code)
Cutoffs: Screen/Confirmation (ng/ml) <input checked="" type="checkbox"/> Appendix A to 10CFR 26	
Marijuana /	Amphetamines / _____ /
Cocaine /	Phencyclidine / _____ /
Opiates /	Alcohol (% BAC) / _____ /

Testing Results	Licensee Employees				Long Term Contractor Personnel		Short Term Contractor Personnel	
	# Tested	# Positive	# Referred to EAP	# Access Restored	# Tested	# Positive	# Tested	# Positive
Average Number with Unescorted Access	348				357		342	
Pre-employment								
Pre-badging	29	0			268		594	13
Periodic								
For cause	0	0			0	0	3	2
Post accident								
Random	243	1	1	1	196	1	85	0
Follow-up								
Other Return to Duty	1	0						
Total	278	1	1	1	464	1	682	15

