

# Maine Yankee

RELIABLE ELECTRICITY FOR MAINE SINCE 1972

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UNITED STATES NUCLEAR REGULATORY COMMISSION  
Attention: Document Control Desk  
Washington, DC 20055

References: (a) License No. DPR-36 (Docket No. 50-309)

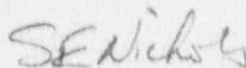
Subject: Fitness For Duty Program Performance Data

Gentlemen:

Enclosed is the Fitness For Duty Program Performance Data for Maine Yankee for the six month reporting period July-December 1990. This Data is submitted pursuant to the requirements of 10 CFR 26.71 (d).

Should you have any questions on the enclosed material, please contact us.

Very truly yours,



S. E. Nichols, Manager  
Nuclear Engineering & Licensing

JVW/sjj

Enclosure

c: Mr. Thomas T. Martin  
Mr. E. H. Trottier  
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FITNESS FOR DUTY

AT

MAINE YANKEE

A HEALTH AND SAFETY PROGRAM

**"To provide for a safe, drug and alcohol free workplace"**

Semi-Annual Report

July 1, 1990 - December 31, 1990

10CFR26 Performance Date Report for Maine Yankee Atomic Power Company

Maine Yankee Fitness For Duty Semi-Annual Report

July 1, 1990 to December 31, 1990

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

Maine Yankee Atomic Power Company	12-31-90
Company	6 Months Ending
P.O. Box 408, Wiscasset, ME 04578	
Location	
Paul R. Cooper	(207) 882-6321
Contact Name	Phone (include area code)
Cutoffs: Screen/Confirmation (ng/ml) <input 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	430.25*				75.83		524.50	
Pre-employment	62	0						
Pre-badging					26	0	202	3
Periodic								
For cause	1	1	1	1			1	1
Post accident								
Random	233	0			30	1	114	0
Follow-up	2	0						
Other	25	0			1	0	24	1
<b>Total</b>	<b>323</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>57</b>	<b>1</b>	<b>341</b>	<b>5</b>

\*Includes all Licensee Employees

### Random Testing Program Results

Individuals Tested	1989	1990	1991	1992	1993
# Positive	0	1	1	1	1
# Tested	745	377	377	377	377
% Positive	0%	0.003%	0.003%	0.003%	0.003%
Graph of % Positive					

### Confirmed Positive Tests for Specific Substances

Marijuana	5	5	5	5	5
Cocaine	5	0	0	0	0
Opiates	1	0	0	0	0
Amphetamines	0	0	0	0	0
Phencyclidine	0	0	0	0	0
Alcohol	8	2	0	0	0

## SUMMARY OF MANAGEMENT ACTIONS

The following list is a synopsis of initiatives taken by Maine Yankee:

- Completed annual audit of fitness for duty and made the following enhancements:
  - Improved random selection scheduling
  - Implemented cross checking system to ensure unescorted access is allowed only to persons in the FFD pool
  - Enhanced security of the collection facility
  - Implemented control mechanisms in test result reporting
  - Completed annual audits of contractor components of the program
  - Reviewed and clarified FFD procedures.
- Completed two hour training programs for all Licensee and Contractor supervisors outlining roles, responsibility, appeal process and function of EAP.
- Developed a "Call-in" reference wallet card describing call-in process for all supervisory personnel.
- Implemented a FFD tracking program for Random Selection frequencies and rate percentages.
- Dedicated financial resources and specific budget line allocation for FFD.
- Posted FFD posters to increase employee awareness.
- Designed and planned installation of electrical failure warning system in collection facility.
- Participated as Technical Specialist in the annual audit of Yankee Atomic Electric Company's FFD Program.
- Inspected Milestone Facility FFD program for potential enhancements applicable to Maine Yankee

The following list is a synopsis of lessons learned by Maine Yankee:

- Continual review and enhancement is required by the FFD program.
- Cooperative efforts during the audit process reduces misconceptions and misunderstandings.

#### Effectiveness Evaluation:

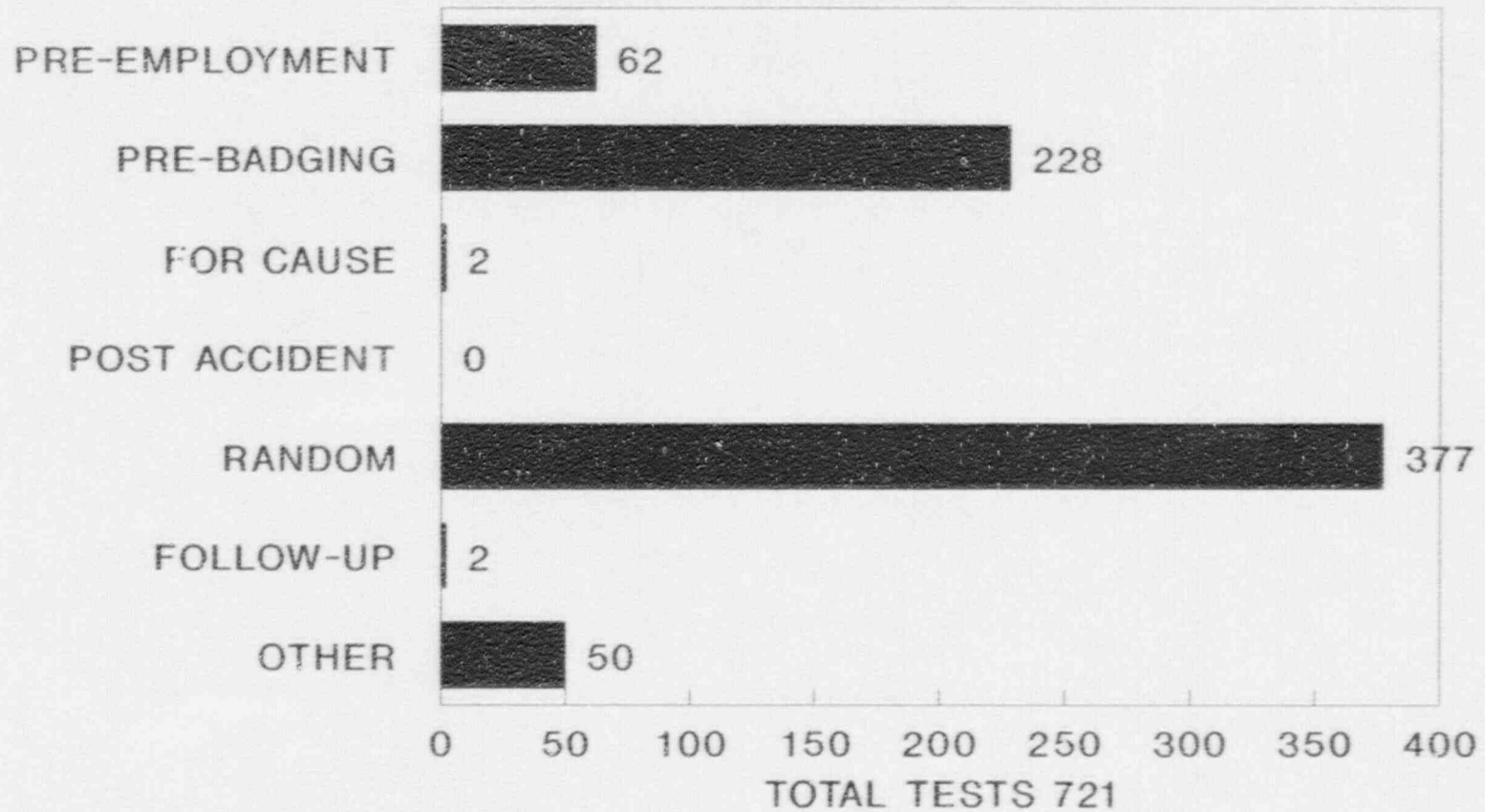
The Maine Yankee FFD program is meeting the intent of 10CFR26. Maine Yankee has taken a pro-active approach in ensuring all facets of the rule are met. Based on findings from Maine Yankee's on-going audit process, an annual audit by an independent source and an NRC audit, the Maine Yankee FFD program is deemed effective.

Reportable Events:

Maine Yankee Management notified the NRC regional office on August 17, 1990 to report a Maine Yankee FFD event. The event focused on a presumptive positive result that was not reviewed by the MRO. The NRC was scheduled to complete an audit of the Maine Yankee Program shortly after this notification. Upon audit review of the incident and an enforcement conference, the incident was determined to be a non-cited level IV violation of 10CFR26. Maine Yankee had already instituted corrective measures to prevent future occurrences prior to the NRC's decision.



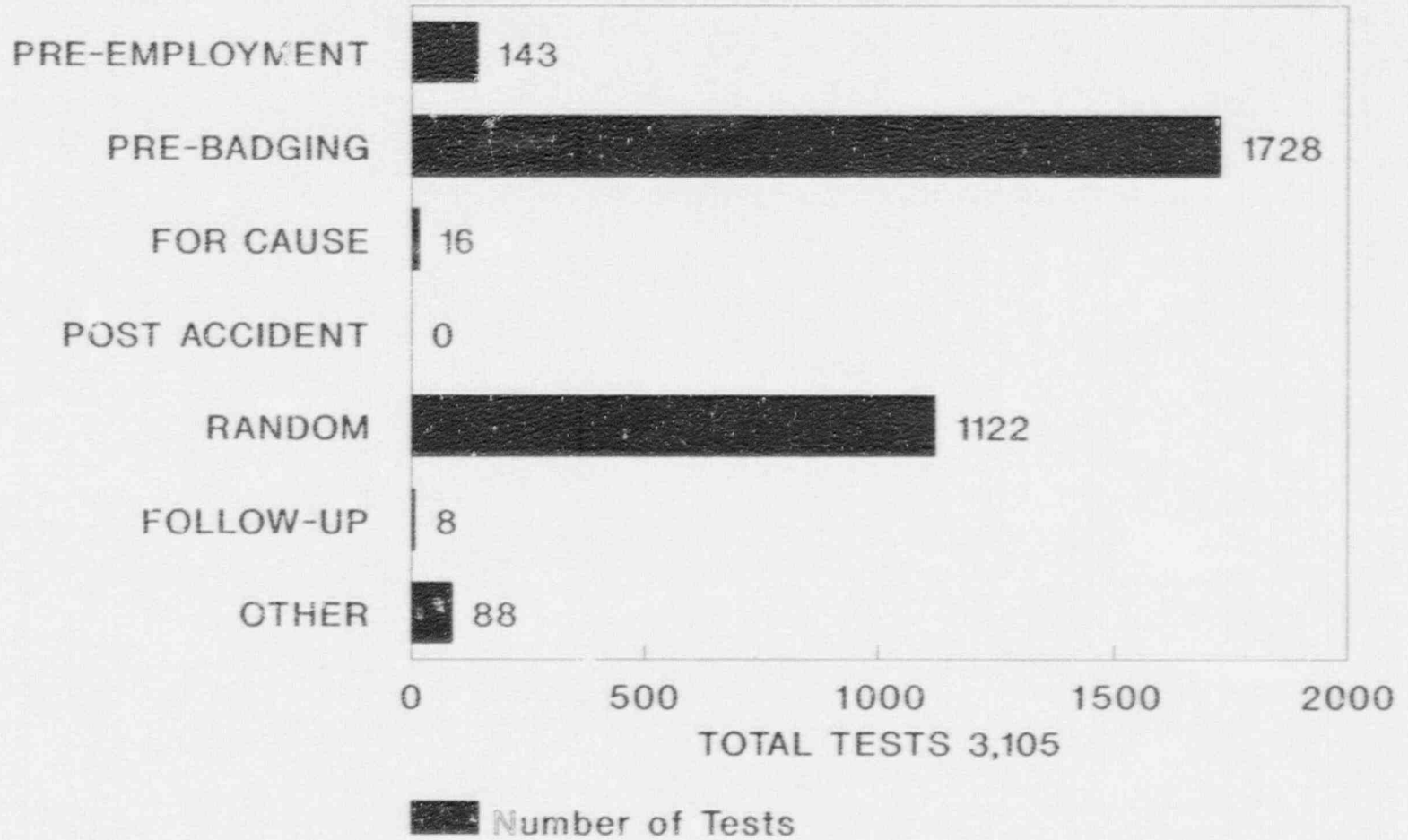
# MAINE YANKEE FITNESS FOR DUTY NUMBER OF TESTS BY CATEGORY



■ Number of Tests

JULY 01, 1990 - DECEMBER 31, 1990

# MAINE YANKEE FITNESS FOR DUTY NUMBER OF TESTS BY CATEGORY



JANUARY 03, 1990 - DECEMBER 31, 1990

MAINE YANKEE (MY) FITNESS FOR DUTY

RANDOM TEST FREQUENCY

JULY 1, 1990 - DECEMBER 31, 1990

MAINE YANKEE PERSONNEL

HOLIDAYS*		SUN	MON	TUES	WED	THUR	FRI	SAT	TOTAL DAYS SELECTED	TOTAL PERSONNEL SELECTED
1	A.M.	2	8	9	2	10	7	3	41	123
1	P.M.	3	6	5	4	5	5	2	30	90
2	TOTAL	5	14	14	6	15	12	5	71	213
S.T.C. PERSONNEL										
HOLIDAYS*		SUN	MON	TUES	WED	THUR	FRI	SAT	TOTAL DAYS SELECTED	TOTAL PERSONNEL SELECTED
0	A.M.	0	8	10	6	10	12	0	46	69
0	P.M.	0	7	5	7	6	6	0	31	46
0	TOTAL	0	15	15	13	16	18	0	77	115
L.T.C. PERSONNEL										
HOLIDAYS*		SUN	MON	TUES	WED	THUR	FRI	SAT	TOTAL DAYS SELECTED	TOTAL PERSONNEL SELECTED
1	A.M.	0	6	4	2	2	1	2	17	19
1	P.M.	2	1	1	2	1	1	1	9	10
2	TOTAL	2	7	5	4	3	2	3	26	29

\*Holidays are included in totals.

MAINE YANKEE (MY) FITNESS FOR DUTY

RANDOM TEST FREQUENCY

January 3, 1990 - December 31, 1990

MAINE YANKEE PERSONNEL YEAR TO DATE THROUGH DECEMBER 1990										
HOLIDAY*		SUN	MON	TUES	WED	THUR	FRI	SAT	TOTAL DAYS SELECTED	TOTAL PERSONNEL SELECTED
1	A.M.	2	19	23	21	29	26	4	124	371
1	P.M.	3	5	5	6	5	5	3	32	96
2	TOTAL	5	24	28	27	34	31	7	156	467
STC PERSONNEL YEAR-TO-DATE THROUGH DECEMBER 1990										
HOLIDAY*		SUN	MON	TUES	WED	THUR	FRI	SAT	TOTAL DAYS SELECTED	TOTAL PERSONNEL SELECTED
0	A.M.	0	25	31	28	31	31	2	149	521
1	P.M.	0	7	5	6	5	6	0	31	35
1	TOTAL	0	32	36	34	36	37	2	180	556
LTC PERSONNEL YEAR-TO-DATE THROUGH DECEMBER 1990										
HOLIDAY*		SUN	MON	TUES	WED	THUR	FRI	SAT	TOTAL DAYS SELECTED	TOTAL PERSONNEL SELECTED
1	A.M.	0	13	13	7	2	5	3	43	71
1	P.M.	2	1	1	2	1	1	1	9	10
2	TOTAL	2	14	14	9	3	6	4	52	81

\*Holidays are included in totals.

MAINE YANKEE (MY) FITNESS FOR DUTY  
RANDOM TESTING RATES

January 3, 1990 - December 31, 1990

LICENSEE EMPLOYEES							
	TOTAL DRAWN FROM	TOTAL TIMES DRAWN	YTD AVE. POP.	PLANT BADGE POP. TESTED	PLANT BADGE % TESTED	TOTAL MY POP. TESTED	TOTAL MY % TESTED
Through December 31, 1990	67,104	156	430.15	449	104.38%	467	108.57%
S.T.C. PERSONNEL							
	TOTAL DRAWN FROM	TOTAL TIMES DRAWN	YTD AVE. POP.	PLANT BADGE POP. TESTED	PLANT BADGE % TESTED		
Through December 31, 1990	94,935	181	524.50	553	105.43%		
L.T.C. PERSONNEL							
	TOTAL DRAWN FROM	TOTAL TIMES DRAWN	YTD AVE. POP.	POP. TESTED	BADGE % TESTED		
Through December 31, 1990	3,943	52	75.83	81	106.82%		

MAINE YANKEE FITNESS FOR DUTY  
CONFIRMED POSITIVE TESTS BY CATEGORY AND SUBSTANCE  
JULY 1, 1990 - DECEMBER 31, 1990

Licensee - For Cause - Alcohol (1)

Long term Contractor - Random - Marijuana (1)

Short term Contractor - Prebadge - Marijuana (4)

Short term Contractor - For Cause - Alcohol (1)

Positive Substance total	- 7
Positive test total	- 7
Total tests completed	- 721

JANUARY 1, 1990 - DECEMBER 31, 1990

Licensee - For Cause - Alcohol (1)

Long term Contractor - Random - Marijuana (1)

Short term Contractor - Prebadge -	Alcohol (5)
	Marijuana (8)
	Cocaine (5)
	Opiate (1)

Short term Contractor - For Cause -	Alcohol (4)
	Marijuana (1)

Positive Substance Total	- 26
Positive Test Total	- 25
Total Tests Completed	- 3,105