



**Entergy  
Operations**

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U. S. Nuclear Regulatory Commission  
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Washington, D. C. 20555

SUBJECT: Arkansas Nuclear One - Units 1 and 2  
Docket Nos. 50-313/50-368  
License Nos. DPR-51 and NPF-6  
Fitness-for-Duty Program Performance Data

Gentlemen:

In accordance with 10CFR26.71(d), attached is the Arkansas Nuclear One fitness-for-duty program performance data for the period July - December, 1991.

Very truly yours,

James J. Fisicaro  
Director, Licensing

JJF/SAB/sjf  
Attachment

cc: Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 400  
Arlington, Texas 76011-8064

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ENTERGY OPERATIONS, INCORPORATED

ARKANSAS NUCLEAR ONE

FITNESS FOR DUTY SIX-MONTH REPORT

JULY 1, 1991 THROUGH DECEMBER 31, 1991

PROGRAM SUMMARY

As during the previous reporting periods, THC was the most common drug detected followed by cocaine and alcohol. The percentage of positives was 0.02% higher than the first six months of 1991, but still lower than our 1990 percentages for positive tests. Arkansas Nuclear One (ANO) began inprocessing a small amount of contractor personnel during the November/December, 1991 time frame for an outage which is scheduled to begin at the end of February 1992. This has contributed to our percentage of positives being slightly higher for the last six months of 1991.

PROGRAM INITIATIVES

Work began during December, 1991 to modify and enlarge the Fitness For Duty (FFD) specimen collection area. The redesign offers more effective control and flow of individuals through the testing process. During the six month period, certain FFD forms were revised to streamline our work processes.

Work also began in December to upgrade the computer hardware/software capabilities associated with Fitness For Duty. These upgrades will enhance our management of FFD records as well as improve our ability to compile statistical FFD information.

Action was taken within Entergy Operations, Incorporated, to further strengthen and clarify company policy regarding the Fitness For Duty Program. A revised management directive was implemented which is equally applicable at all three nuclear sites operated by the company. This action provides a more uniform and consistent approach toward FFD within the Entergy Operations, Incorporated, system. Major changes include:

- Centralized chain-of-command for FFD staff between the three nuclear sites;
- Clarification regarding FFD Supervisory training;
- Inclusion of a list of prescription/over-the-counter medications which have been exempted from our internal medication reporting requirements.

An Entergy Operations, Incorporated, FFD conference for medical technologists/laboratory technicians and an Abbott Laboratories (drug testing equipment manufacturer) representative was conducted. The focus of the conference was to update and strengthen the technologists' and technicians' knowledge on drug testing methodology. This conference also provided the opportunity to exchange experiences and ideas which promote consistency between the Entergy Operations, Incorporated, nuclear sites.

#### LESSONS LEARNED

During a follow-up test of a licensee employee in late June, an attempt was made by the individual to subvert the testing process by substituting an unknown substance for a urine specimen. The specimen did not meet our specimen collection parameters and was rejected by the collector. Specifically, the sample temperature was out of range and the sample had an unusual color. Another specimen was obtained under direct observation. This sample was tested and yielded negative results. The substituted specimen was forwarded to a NIDA certified laboratory for analysis. In July, sample results received by the MRO indicated that the specimen contained isopropyl alcohol in a concentration incompatible with life. A company investigation ensued and ultimately the individual was terminated.

#### REPORTABLE EVENTS

During the six-month period, one reportable event occurred. This involved a licensed operator who received a second confirmed positive test result from the Medical Review Officer. The second confirmed test was a result of the collection and analysis of a sample provided during the conduct of follow-up testing. A report was submitted per 10 CFR 26.73. The individual was terminated.

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

Entergy Operations, Inc., - Arkansas Nuclear One		July - Dec. 1991	
<small>Company</small>		<small>6 Months Ending</small>	
Route 3, Box 137-G, Russellville, Arkansas 72801			
<small>Location</small>			
Kenneth D. Jeffery		(501) 964-3253	
<small>Contact Name</small>		<small>Phone (include area code)</small>	
Cutoffs: Screen/Confirmation (ng/ml) <input type="checkbox"/> Appendix A to 10CFR 26			
Marijuana	50 / 15	Amphetamines	1000 / 500 _____ /
Cocaine	300 / 150	Phencyclidine	25 / 25 _____ /
Opiates	300 / 300	Alcohol (% BAC)	0.040% _____ /

Testing Results	Licensee Employees				Long Term Contractor Personnel		Short Term Contractor Personnel	
Average Number with Unescorted Access	1,574						848	
Categories	# Tested	# Positive	# Referred to EAP	# Access Restored	# Tested	# Positive	# Tested	# Positive
Pre-employment	64	0			n/a	n/a	0	0
Pre-badging	15	0			n/a	n/a	656	6/4
Periodic	0	0			n/a	n/a	0	0
For cause	2	0			n/a	n/a	0	0
Post accident	0	0			n/a	n/a	0	0
Random	764	1/0			n/a	n/a	314	1/1
Follow-up	36	1/0			n/a	n/a	1	0
Other	0	0			n/a	n/a	0	0
Total	881	2/0	1	1	n/a	na/	971	7/5

### Random Testing Program Results

Individuals Tested	1989		1990		1991		1992		1993	
# Positive			6	5	4	3				
# Tested			1212	1447	1538	1078				
% Positive			0.33%	0.35%	0.26%	0.28%				

  

Graph of % Positive

Year	% Positive
1989	0.33%
1990	0.35%
1991	0.26%
1992	0.28%
1993	0.33%

### Confirmed Positive Tests for Specific Substances