

February 25, 1998

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Stop P1-137
Washington, DC 20555-0001

ULNRC-3745

Gentlemen:

DOCKET NUMBER 50-483
CALLAWAY PLANT UNIT 1
FACILITY OPERATING LICENSE NPF-30
Semi-Annual Fitness For Duty Program
Performance Data Report for Union Electric Callaway Plant



Enclosed is the Semi-Annual Fitness For Duty Program Performance Data Report for Union Electric's Callaway Nuclear Plant in accordance with 10CFR26.71(d). This report applies to the period beginning July 1, 1997 and ending on December 31, 1997.

The enclosure includes the following:

Attachment A - Fitness For Duty Program Performance Data
Personnel Subject to 10CFR26 (2 pages):

Attachment B - Fitness For Duty Management Action with regard to (1 page):

- Initiatives Taken
- Lessons Learned
- Reportable Fitness For Duty Events Under 10CFR26.73.

If you have any questions in regard to the Performance Data Report, please contact me at (573)676-8245.

Sincerely,

A handwritten signature in cursive script that reads "James R. Peavy".

James R. Peavy
Manager, Emergency
Preparedness

RGR
JRP/RGR/PJL/rmm

Enclosure

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R PDR



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cc: U. S. Nuclear Regulatory Commission (Original and 1 copy)
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 Attachment A

**Fitness For Duty Program
 Performance Data
 Personnel Subject to 10CFR26
 (NUMARC Rev. Date 1/92)**

Union Electric
 Company

July - December 1997
 6 Months

Callaway Plant
 Location

Patricia Davis, R. N.
 Contact Name

(573) 676-4300
 Phone (Include Area Code)

Cutoffs: Screen/Confirmation (ng/ml)

Appendix A to 10CFR26

Marijuana	20 / 15	Amphetamines	1000 / 250	Barbiturates	300 / 150
Cocaine	300 / 150	Phencyclidine	25 / 25	Benzodiazepines	300 / 150
Opiates	300 / 150	Alcohol	(.04% BAC)		

Testing Results	Licensee Employees		Long-Term Contractor-Personnel		Short-Term Contractor-Personnel	
	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Average Number with Unescorted Access	848		133		45	
Pre-Access	14	0	0	0	111	0
Post Accident	0	0	0	0	0	0
Observed Behavior	0	0	0	0	0	0
Random	235	1	39	1	27	0
Follow-up	1	0	0	0	1	0
Other	0	0	0	0	0	0
Total	250	1	39	1	139	0

Breakdown of Confirmed Positive Tests for Specific Substances

	*Marijuana		Cocaine	*Opiates		*Amphetamines		Phencyclidine	Alcohol	Refusal to Test	¹ Barbiturates	² Benzodiazepines
Licensee Employees									1			
Long-Term Contractors			1									
Short-Term Contractors												
TOTAL	0	0	1	0	0	0	0	0	1	0	0	0

*Left Side - Record of test results that would have been Positive at the NRC cutoff level.

Right Side - Record of MRO confirmed positives based on Union Electric's more stringent cutoff level.

Initiatives Taken

The AxSYM, from Abbott Laboratories, was installed in the on-site testing facility to improve the overall effectiveness of the badging process.

Lessons Learned

On December 1, 1998 a blind proficiency specimen spiked with Benzodiazepines was submitted to the DHHS Certified Laboratory for testing. The DHHS Laboratory reported the specimen as negative. This specimen had previously screened positive for Benzodiazepines in the on-site testing facility. An investigation was initiated to determine the cause for the difference in the results. This concern was reported to the NRC in accordance with 10 CFR 26, Appendix A, 2.8(e). The investigation determined that the cause of the false negative result was a clerical error at the DHHS Laboratory.

Reportable Fitness for Duty Events Under 10 CFR 26.73

There were no reportable Fitness for Duty events during this reporting period.