

February 24, 2000

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

ULNRC-4188

Gentlemen:



**DOCKET NUMBER 50-483
CALLAWAY PLANT UNIT 1
UNION ELECTRIC CO.
FACILITY OPERATING LICENSE NPF-30
Semi-Annual Fitness for Duty Program
Performance Data Report for AmerenUE Callaway Plant**

Enclosed is the Semi-Annual Fitness For Duty Program Performance Data Report for AmerenUE's Callaway Nuclear Plant in accordance with 10CFR26.71(d). This report applies to the period beginning July 1, 1999 and ending on December 31, 1999.

The enclosure includes the following:

Attachment A – Fitness For Duty Program Performance Data

- Personnel Subject to 10CFR26
- Breakdown of Confirmed Positive Tests for Specific Substances

Attachment B - Fitness For Duty Management Action with regard to:

- Initiatives Taken
- Reportable Fitness For Duty Events under 10CFR26.73

If you have questions in regard to the Performance Data Report, please contact me at (573) 676-8190.

RGR
JDB/RGR/PJD/cjs


John D. Blosser
Manager, Operations Support

Enclosure

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ULNRC-4188
February 24, 2000
Page 2

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Attn: Document Control Desk
Mail Stop P1-137
Washington, DC 20555-0001

Mr. Ellis W. Merschoff
Regional Administrator
U.S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011-8064

Senior Resident Inspector
Callaway Resident Office
U.S. Nuclear Regulatory Commission
8201 NRC Road
Steedman, MO 65077

Mr. Jack N. Donohew (2 copies)
Licensing Project Manager, Callaway Plant
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Mail Stop OWFN-4D3
Washington, DC 20555-2738

Manager, Electric Department
Missouri Public Service Commission
PO Box 360
Jefferson City, MO 65102

Superintendent, Licensing
Wolf Creek Nuclear Operating Corporation
PO Box 411
Burlington, KS 66839

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

Union Electric
 Company

Callaway Plant
 Location

Patricia Davis, R. N.
 Contact Name

July – December, 1999
 6 Months

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

Cutoffs: Screen/Confirmation (ng/ml)

Appendix A to 10CFR26

Marijuana	20 / 15	Amphetamines	1000 / 250
Cocaine	300 / 150	Phencyclidine	25 / 25
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	821		134		172	
Pre-Access	57	0	0	0	882	24
Post Accident	0	0	0	0	0	0
Observed Behavior	0	0	0	0	2	1
Random	244	2	39	0	82	0
Follow-up	0	0	0	0	14	0
Other	0	0	0	0	1	1
Total	301	2	39	0	981	26

Breakdown of Confirmed Positive Tests for Specific Substances

	*Marijuana		Cocaine	*Opiates		*Amphetamines		Phencyclidine	Alcohol	Refusal to Test
Licensee Employees		1	1							
Long-Term Contractors										
Short-Term Contractors	2	18	4			1			1	
TOTAL	2	19	5	0	0	1	0	0	1	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:

A review of the testing panel was conducted. The review found only one (1) MRO positive for barbiturates and benzodiazepines since program implementation in January 1990. Because of this low incidence these two drug categories were deleted from the testing panel.

Reportable Fitness For Duty Events Under 10CFR26.73:

There were no reportable Fitness For Duty events during this reporting period; however, the DHHS Laboratory reported two (2) specimens as adulterated. Information regarding this issue was previously communicated to the Region IV NRC Staff.