

February 8, 2005

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

ULNRC-5116

Ladies and 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, 2004 and ending December 31, 2004.

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) 676-8659.

Sincerely,

A handwritten signature in cursive script that reads "Keith Young".

Keith Young
Manager, Regulatory Affairs

Enclosure

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ULNRC-5116
February 8, 2005
Page 2

cc: U.S. Nuclear Regulatory Commission (Original and 1 copy)
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**Fitness For Duty Program
Performance Data
Personnel Subject to 10CFR26
(NUMARC Rev. Date 1/92)**

AmerenUE
Company

Callaway Plant
Location

Patricia Davis, R. N.
Contact Name

July 2004 – December 2004
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	809		335		487	
Pre-Access	49	1	0	0	174	2
Post Accident	0	0	0	0	1	0
Observed Behavior	1	1	0	0	0	0
Random	238	1	104	0	92	0
Follow-up	2	0	8	0	10	0
Other	0	0	0	0	0	0
Total	290	3	112	0	277	2

Breakdown of Confirmed Positive Tests for Specific Substances

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

**One employee tested positive for 2 drug categories.

Initiatives Taken:

Incorporation of regulatory requirements.

Reportable Fitness For Duty Events Under 10CFR26.73:

None