

July 28, 2006

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

ULNRC-5317

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 January 1, 2006 and ending June 30, 2006.

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 / Lessons Learned
- 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 black ink that reads "Keith A. Young".

Keith Young  
Manager, Regulatory Affairs

KDY:LHG:KRF/rmm

Enclosure

A021

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*(Certrec receives ALL attachments  
as long as they are non-safeguards  
and public disclosed).*

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

AmerenUE

Company

January 1 – June 30, 2006

6 Months

Callaway Plant

Location

Karen French, R. N.

Contact Name

(573) 676-4616

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	
Average Number with Unescorted Access	867		220		72	
Categories	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	70	0	0	0	186	1
Post Accident	2	0	0	0	0	0
Observed Behavior	2	0	1	0	0	0
Random	241	0	63	0	34	0
Follow-up	8	0	2	0	1	0
Other	0	0	0	0	0	0
Total	323	0	66	0	221	1

### Breakdown of Confirmed Positive Tests for Specific Substances

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

No significant Fitness for Duty Program changes were incorporated during this reporting period.

**Reportable Fitness For Duty Events Under 10CFR26.73:**

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