

July 25, 2007

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

ULNRC05430

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, 2007 and ending June 30, 2007.

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) 676-8129.

Sincerely,

A handwritten signature in black ink, appearing to read "Luke H. Graessle".

Luke H. Graessle  
Manager, Regulatory Affairs

LHG: DSH: KRF: AEE/rmm

Enclosure

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NRK

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cc: Mr. Bruce S. Mallett  
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U. S. Nuclear Regulatory Commission  
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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, 2007  
6 Months

Callaway Plant  
Location

Aaron Enloe  
Contact Name

(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	
Average Number with Unescorted Access	851		224		364	
Categories	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	98	0	0	0	1094	13
Post Accident	5	0	5	0	0	0
Observed Behavior	1	0	0	0	3	1
Random	229	0	61	0	89	2
Follow-up	3	0	3	0	38	0
Other	15	0	1	0	26	0
<b>Total</b>	<b>351</b>	<b>0</b>	<b>70</b>	<b>0</b>	<b>1250</b>	<b>16</b>

### 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	10	5	0	0	0	0	0	1	0
TOTAL	10	5	0		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.

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**Initiatives Taken:**

None.

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

None.

**Test Results:**

Ameren UE Callaway Nuclear Plant performs random testing of the workforce at an annual rate of at least 50% in accordance with 10CFR26.24.a.2. For the six months beginning January 1, 2007 and ending June 30, 2007 random screens were performed at a rate of 26.3% of the population.