

February 12, 2009

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

ULNRC05595

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, 2008 and ending December 31, 2008.

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) 676-4435.

Sincerely,

A handwritten signature in black ink, appearing to read "Anna M. Lee".

Anna M. Lee
AA/FFD Supervisor

AML: EHB: KRF: AEE/rmm

Enclosure

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NRR

ULNRC05595
February 12, 2009
Page 2

cc: Mr. Elmo E. Collins, Jr.
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Index and send hardcopy to QA File A160.0761

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

AmerenUE
Company

July 1 – Dec 31, 2008
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	
	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Average Number with Unescorted Access	868		237		231	
Pre-Access	79	0	0	0	897	9
Post Accident	4	0	0	0	2	0
Observed Behavior	1	0	2	0	5	1
Random	235	0	70	0	90	0
Follow-up	2	0	6	0	32	0
Other	4	1	2	0	7	0
Total	325	1	80	0	1033	10

Breakdown of Confirmed Positive Tests for Specific Substances

	*Marijuana		Cocaine	*Opiates		*Amphetamines		Phencyclidine	Alcohol	Refusal to Test
Licensee Employees	0	1	0	0	0	0	0	0	0	0
Long-Term Contractors	0	0	0	0	0	0	0	0	0	0
Short-Term Contractors	0	7	0	0	0	0	0	0	1	2
TOTAL	8		0	0		0		0	1	2

*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:

None.

Reportable Fitness For Duty Events Under 10CFR26.73:

None.

Reportable FFD events under 10CFR26 Appendix A Section 2.8:

On 11-19-2008, the Callaway Medical Review Officer discovered that a blind performance test result received from the HHS certified laboratory was not consistent with what was expected to be reported. The expected result for the blind performance specimen was adulterated and positive for THC. The report identified the specimen was positive for THC but did not identify that the blind performance specimen was adulterated.

Management Actions:

During the reporting period, seven short term contractors tested positive for Marijuana during a pre-access collection. One licensee employee tested positive for Marijuana during an "other" collection after a dilute specimen on their pre-access collection. One short term contractor tested positive for alcohol during a for cause test. Two short term contractors refused to provide a specimen during pre-access collections. All individuals were denied access to the plant.

Test Results:

Ameren UE Callaway 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 July 1, 2008 and ending December 31, 2008 random screens were performed at a rate of 29.5% of the population.