

August 20, 2008

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

ULNRC05538

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, 2008 and ending June 30, 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) 676-8129.

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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NRR

ULNRC05538
August 20, 2008
Page 2

cc: Mr. Elmo E. Collins, Jr.
Regional Administrator
U.S. Nuclear Regulatory Commission
Region IV
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Callaway Resident Office
U.S. Nuclear Regulatory Commission
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Steedman, MO 65077

Mr. Mohan C. Thadani (2 copies)
Licensing Project Manager, Callaway Plant
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U. S. Nuclear Regulatory Commission
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Index and send hardcopy to QA File A160.0761

Hardcopy:

Certrec Corporation
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Fort Worth, TX 76109

(Certrec receives ALL attachments as long as they are non-safeguards and may be publicly disclosed).

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Missouri Public Service Commission

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

AmerenUE
Company

Callaway Plant
Location

Aaron Enloe
Contact Name

Jan 1 – Jun 30, 2008
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	850		216		114	
Pre-Access	104	0	0	0	265	1
Post Accident	1	0	1	0	3	0
Observed Behavior	0	0	1	0	0	0
Random	219	0	57	0	31	0
Follow-up	2	0	1	0	9	0
Other	10	0	1	0	9	0
Total	336	0	61	0	317	1

Breakdown of Confirmed Positive Tests for Specific Substances

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

None.

Reportable Fitness For Duty Events Under 10CFR26.73:

None.

Management Actions:

One short term contractor tested positive for Marijuana during a Pre-Access collection. They were denied access to the plant.

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, 2008 and ending June 30, 2008 random screens were performed at a rate of 26.0% of the population.