

February 12, 2007

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

ULNRC-5369

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, 2006 and ending December 31, 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) 676-8763.

Sincerely,

A handwritten signature in black ink, appearing to read "David T. Fitzgerald".

David T. Fitzgerald
Manager, Regulatory Affairs

DTF: LHG: KRF: AEE/rmm

Enclosure

A021

ULNRC-5369
February 12, 2007
Page 2

cc: Mr. Bruce S. Mallett
Regional Administrator
U.S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011-4005

Senior Resident Inspector
Callaway Resident Office
U.S. Nuclear Regulatory Commission
8201 NRC Road
Steedman, MO 65077

Mr. Jack N. Donohew (2 copies)
Licensing Project Manager, Callaway Plant
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Mail Stop O-7D1 -
Washington, DC 20555-2738

Missouri Public Service Commission
Governor Office Building
200 Madison Street
PO Box 360
Jefferson City, MO 65102-0360

July 28, 2006

Page 3

bcc: C. D. Naslund
A. C. Heflin
D. T. Fitzgerald
G. A. Hughes
D. E. Shafer
S. L. Gallagher (100)
L. M. Belsky (NSRB)
K. A. Mills
P. M. Bell
A160.0761

Certrec Corporation
4200 South Hulen, Suite 630
Fort Worth, TX 76109

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

Send the following without attachments:

Ms. Diane M. Hooper
Supervisor, Licensing
WCNOC
P.O. Box 411
Burlington, KS 66839

Mr. Scott Bauer
Regulatory Affairs
Palo Verde NGS
P.O. Box 52034,
Mail Station 7636
Phoenix, AZ 85072-2034

Mr. Scott Head
Supervisor, Licensing
South Texas Project NOC
Mail Code N5014
P.O. Box 289
Wadsworth, TX 77483

Mr. Dennis Buschbaum
TXU Power
Comanche Peak SES
P.O. Box 1002
Glen Rose, TX 76043

Mr. Stan Ketelsen
Manager, Regulatory Services
Pacific Gas & Electric
Mail Stop 104/5/536
P.O. Box 56
Avila Beach, CA 93424

Mr. John O'Neill
Pillsbury Winthrop Shaw Pittman LLP
2300 N. Street N.W.
Washington, DC 20037

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

AmerenUE
Company

July 1 – December 31, 2006
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 | 860 | | 212 | | 94 | |
| Categories | # Tested | # Positive | # Tested | # Positive | # Tested | # Positive |
| Pre-Access | 70 | 0 | 0 | 0 | 205 | 5 |
| Post Accident | 2 | 0 | 0 | 0 | 2 | 0 |
| Observed Behavior | 2 | 0 | 1 | 0 | 0 | 0 |
| Random | 224 | 0 | 61 | 0 | 26 | 0 |
| Follow-up | 4 | 0 | 0 | 0 | 7 | 0 |
| Other | 8 | 0 | 1 | 0 | 5 | 0 |
| Total | 310 | 0 | 63 | 0 | 245 | 5 |

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 | 3 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 |
| TOTAL | 3 | 0 | 0 | | 1 | | 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.

Initiatives Taken:

Breath Analysis equipment was upgraded to the Intoxilyzer 8000 during this reporting period.

Reportable Fitness For Duty Events Under 10CFR26.73:

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

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 July 1, 2006 and ending December 31, 2006 random screens were performed at a rate of 26.7% of the population.