AmerenUE
Callaway Plant

PO Box 620
Fulton, MO 65251

December 17, 2008

ULNRC-05575

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

10CFR26, Appendix A, 2.8 (e) (3) and (4)

Ladies and Gentlemen:

DOCKET NUMBER 50-483
CALLAWAY PLANT UNIT 1
UNION ELECTRIC CO.
FACILITY OPERATING LICENSE NPF-30
Blind Sample Test Results

On 11/19/2008, the Callaway Medical Review Officer discovered that a blind performance test result received from the University of Missouri Toxicology and Drug Monitoring Laboratory was not consistent with what was expected to be reported. The report did not identify that the blind sample was adulterated. The laboratory is a Department of Health and Human Services (DHHS) laboratory.

In accordance with 10CFR26, Appendix A, 2.8 (e) (3) and (4), enclosed is the documentation of investigative findings and the corrective actions taken by the University of Missouri, Toxicology and Drug Monitoring Laboratory. Please contact Anna Lee at 573/676-4435 if any additional action is needed as a result of this information.

This letter does not contain any new commitments.

Sincerely,

Luke H Graessle,
Director, Operations Support

CSP/nls

Enclosure

A022
NRR

cc: Mr. Elmo E. Collins, Jr.
Regional Administrator
U.S. Nuclear Regulatory Commission
Region IV
612 E . Lamar Blvd., Suite 400
Arlington, TX 76011-4125

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

Mr. Mohan C. Thadani (2 copies)
Licensing Project Manager, Callaway Plant
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Mail Stop O-8G14
Washington, DC 20555-2738

Index and send hardcopy to QA File A160.0761

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4200 South Hulen, Suite 422
Fort Worth, TX 76109
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Missouri Public Service Commission

University of Missouri
HEALTH CARE

Toxicology and Drug Monitoring Laboratory

301 Business Loop 70 West
Suite 208
Columbia, MO 65203

PHONE 573-882-1273
FAX 573-884-4917

Documentation of Blind Specimen Reporting Error

Sample ID - 81818
Accession number - 206253108
Collection date - 11/14/08
Received date - 11/14/08
Reported date - 11/19/08
Initial reported results - Cannabinoids positive at 20 ng/ml level
Corrected results - Cannabinoids positive at 20 ng/ml and adulterated pH = 2.2

Description of error:

The adulteration remark was initially omitted from the report. The specimen validity had been performed on the day of the initial screening but was omitted by the screening technologist from the daily worksheet. After the confirmation of the cannabinoids by GC/MS the certifying scientist reviewed the EMIT screening data, the GC/MS data, internal/external chain of custodies, primary bottle identification, and worksheet data. Because the additional specimen validity testing data was not on the daily worksheet, the adulteration reporting was not completed.

One major factor contributed to this error. The laboratory had gone "live" with a new laboratory information system (Cerner Millenium) on 11/15/08. The staff of the laboratory were still acclimating to this new system. After the "go-live", there were a multitude of problems in the computer system that was causing the normal workflow in the laboratory to be disrupted by these minor issues. During these initial days, technologists were still getting used to new labels, worklists, worksheets, and accession number formats. It was during this time that the pH specimen validity testing on this sample was omitted from the daily worksheet.

Corrective action:

Following the identification of the error, the certifying scientist faxed to Ameren UE the raw data documentation related to the testing of this sample providing evidence that the sample was correctly tested and the final reported information was accurate. The importance of documenting all testing on the daily worksheet was discussed with the screening technologist. No other corrective action is planned at this time.

Charles A. Johnson
Toxicology and Drug Monitoring Laboratory
301 Business Loop 70 West, Ste. 208
Columbia, MO. 65203

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