



Callaway Plant

March 25, 2014

ULNRC-06105

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

10CFR26.719(c)

Ladies and Gentlemen:

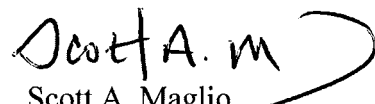
**DOCKET NUMBER 50-483
CALLAWAY PLANT UNIT 1
UNION ELECTRIC CO.
FACILITY OPERATING LICENSE NPF-30
BLIND SPECIMEN TEST RESULTS**

In accordance with 10CFR26.719(c)(3), enclosed is the documentation of investigative findings and the corrective actions taken for unexpected results for a diluted blind specimen. A report from Professional Toxicology Services is enclosed.

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 new commitments.

Sincerely,


Scott A. Maglio
Manager, Regulatory Affairs

Enclosure

Distribution made without attachment:

cc: Mr. Marc L. Dapas
Regional Administrator
U. S. Nuclear Regulatory Commission
Region IV
1600 East Lamar Boulevard
Arlington, TX 76011-4511

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

Mr. Fred Lyon
Project Manager, Callaway Plant
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Mail Stop O-8B1
Washington, DC 20555-2738

Index and send hardcopy to QA File A160.0761

Hardcopy, without attachment.

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Fort Worth, TX 76109
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Missouri Public Service Commission



Callaway Plant

AAFFD14-0003

March 25, 2014

Mrs. Anna Lee
Supervisor Access Authorization/Fitness for Duty
Ameren Missouri
PO Box 620
Fulton, MO 65251

RE: Investigation of Blind performance testing error

Attached is the investigative report and corrective actions regarding the unexpected blind results received from all reference labs sent the specimen, including Quest, CRL, and Toxicology & Drug Monitoring Laboratory. As MRO, I am satisfied that the appropriate actions have taken to resolve the issue. If any further questions arise please do not hesitate to give me a call at 573-676-4301.

Sincerely,

A handwritten signature in black ink, appearing to read "William P. Cravens", written in a cursive style.

William P. Cravens, MD
Callaway Energy Center Medical Review Officer

cc: A160.0001

**Professional
Toxicology Services, Inc.**

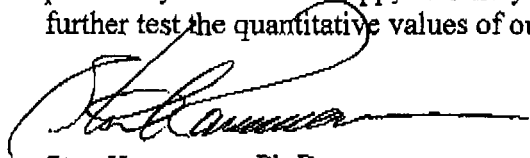
March 7, 2014

Re: 1401DIL

To whom it may concern:

Karan F.

We have had several clients who have received "NEG" results from their labs for urine samples from lot # 1401DIL. Those samples should have been resulted "NEG, DILUTE". The results from our verification sample sent to Quest, Lenexa listed a creatinine of 15.6 and a specific gravity of 1.002. Results from other labs on specimens sent AFTER those sent to you also gave 'dilute' results. Due to the inconsistencies, I retired lot 1401DIL and prepared lot 1403DIL which assays at creatinine =10.4 with a specific gravity of 1.0013. A very small deviation on the creatinine calibration solutions can easily move a 15 creatinine to a 20 creatinine, so a lab mismeasurement could be a possibility. I would be happy to send you samples of the new lot if you would like to further test the quantitative values of our and/or your lab. SCK.



Stan Kammerer, Ph.D.
Professional Toxicology Services