



August 21, 2012

ULNRC-05892

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

10 CFR 2.101
10 CFR 2.109(b)
10 CFR 50.4
10 CFR 50.30
10 CFR 51.53(c)
10 CFR 54

Ladies and Gentlemen:

**DOCKET NUMBER 50-483
CALLAWAY PLANT UNIT 1
UNION ELECTRIC CO.
FACILITY OPERATING LICENSE NPF-30
RESPONSES TO RAI SET #5 AND AMENDMENT 7 TO THE CALLAWAY LRA
(WITH UPDATES TO PREVIOUS RAI RESPONSES)**

- References:
- 1) ULNRC-05830 dated December 15, 2011
 - 2) NRC Letter, "Request for Additional Information for the Review of the Callaway Plant, Unit 1 License Renewal Application, Set 5 (TAC No. ME7708)," dated July 18, 2012.
 - 3) ULNRC-05886 dated August 6, 2012

By the Reference 1 letter, Union Electric Company (Ameren Missouri) submitted a license renewal application (LRA) for Callaway Plant Unit 1. Reference 2 dated July 18, 2012 transmitted the fifth Request for Additional Information (RAI) related to our application. Enclosure 1 hereby contains Ameren Missouri's responses to the individual requests contained in the July 18, 2012 RAI. As discussed with the NRC LRA Project Manager on August 20, we have delayed submittal of our RAI our response until today to ensure our responses are complete and accurate.

Enclosure 2 contains LRA Amendment 7 to reflect changes made as a result of the RAI responses. It should be noted that changes to one commitment (Item #6) are reflected in Table A4-1 (within Enclosure 2).

ULNRC-05892
August 21, 2012
Page 2

Enclosure 3 is included with this transmittal and provides updates to three (3) previous RAI responses transmitted by Reference 3. The updates are provided in "Track Changes."

If you have any questions with regard to these RAI responses or Amendment 7, please contact me at (573) 823-9286 or Ms. Sarah Kovaleski at (314) 225-1134.

I declare under penalty of perjury that the foregoing is true and correct.

Sincerely,

Executed on: August 21, 2012



Les H. Kanuckel
Manager, Engineering Design

DS/SGK/nls

Enclosures: 1) Request for Additional Information (RAI) Set #5 Responses
2) Amendment 7, LRA Changes from RAI Responses
3) Updates to Previous RAI Responses

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

Mr. Elmo E. Collins
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. Samuel Cuadrado De Jesús
Project Branch 1
Division of License Renewal
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Mail Stop O-11F1
Washington, DC 20555

Mr. Fred Lyon
Senior Project Manager, Callaway Plant
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Mail Stop O-8G14
Washington, DC 20555-2738

Mr. Gregory A. Pick
U. S. Nuclear Regulatory Commission
Region IV
1600 East Lamar Boulevard
Arlington, TX 76011-4511

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