



January 24, 2013

ULNRC-05950

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 #19 & Set #20
AND AMENDMENT 20 TO THE CALLAWAY LRA**

- 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 19 (TAC No. ME7708)," dated December 27, 2012.
 - 3) NRC Letter, "Request for Additional Information for the Review of the Callaway Plant, Unit 1 License Renewal Application, Set 20 (TAC No. ME7708)," dated January 14, 2013
 - 4) ULNRC-05923 dated October 31, 2012
 - 5) ULNRC-05891 dated August 9, 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 December 27, 2012 and Reference 3 dated January 14, 2013 transmitted the nineteenth and twentieth Requests for Additional Information (RAIs) related to our application.

Enclosure 1 contains Ameren Missouri's responses to the individual requests contained in the December 27, 2012 and January 14, 2013 RAIs. Enclosure 2 contains LRA Amendment 20 to reflect changes made as a result of the RAI responses.

Enclosure 2 also contains updates to the following three (3) commitments in LRA Table A4-1:


- Item #4 is revised to include activities related to MRP-227-A Applicant/Licensee Action Item #1 and #8 item 5
- Item #12 has been revised to clarify the commitment to inspect blisters in the coating of the Train A Emergency Diesel Generator Fuel Oil Storage Tank based on discussions held with NRC staff by phone on January 22, 2013. This clarification is related to the response to Regional Inspection Item RI178 transmitted by Reference 4.
- Item #23 is revised to indicate completion of the seismic isolation gap inspection of plant structures by an engineer familiar with the seismic design of the plant. This closes a portion of the commitment modified in Reference 5.

Enclosure 2 also includes an editorial revision to the NUREG-1801 consistency section of LRA Appendix B2.1.27 so that it is consistent with the conclusion section.

If you have any questions with regard to these RAI responses, or Amendment 20, please contact me at (314) 954-4319 or Ms. Sarah Kovaleski at (314) 225-1134.

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

Sincerely,



Gregory S. Kremer
Director Engineering Programs

Executed on: January 24, 2013

DS/SGK/nls

Enclosures: 1) Request for Additional Information (RAI) Set #19 and Set #20 Responses
2) Amendment 20 LRA Changes from RAI Responses and Commitment Updates

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
Project Manager, Callaway Plant
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Mail Stop O-8B1
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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