



February 28, 2013

ULNRC-05963

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  
RESPONSE TO RAI SET #22 AND AMENDMENT 22 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 22 (TAC No. ME7708)," dated February 21, 2013  
3) ULNRC-05939 dated December 19, 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 February 21, 2013 transmitted the twenty-second Request for Additional Information (RAI) related to our application.

Enclosure 1 contains Ameren Missouri's responses to the individual requests contained in the February 21, 2013 RAI. Enclosure 2 contains LRA Amendment 22 to reflect changes made as a result of the RAI responses.

Enclosure 2 also transmits corrections to two typographical errors:

- Correct a typographical error in Table 3.1.2-2 to revise Table 1 line item referenced from 3.2.1.012 to 3.3.1.012, and

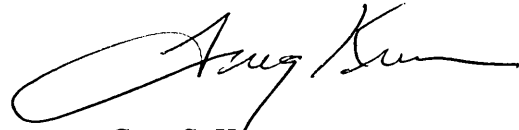
- Revise LRA Table 2.3.2-1 to add Leakage Boundary (spatial) and Structural Integrity (attached) as intended functions for closure bolting to be consistent with changes made to LRA Table 3.2.2-1 by LRA Amendment 18 (Reference 3).

We apologize for any inconvenience these oversights may have caused.

If you have any questions with regard to these RAI responses, or Amendment 22, 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,



Greg S. Kremer  
Director Engineering Programs

Executed on: February 28, 2013

DS/SGK/nls

Enclosures: 1) Request for Additional Information (RAI) Set #22 Responses  
2) Amendment 22, LRA Changes from RAI Responses and Typographical Corrections

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