



Callaway Plant

February 14, 2013

ULNRC-05957

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 #21 AND AMENDMENT 21 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 21 (TAC No. ME7708)," dated January 30, 2013

By the Reference 1 letter, Union Electric Company (Ameren Missouri) submitted a license renewal application (LRA) for Callaway Plant Unit 1. Reference 2 dated January 30, 2013 transmitted the twenty-first Request for Additional Information (RAI) related to our application.

Enclosure 1 contains Ameren Missouri's responses to the individual requests contained in the January 30, 2013 RAI. Enclosure 2 contains LRA Amendment 21 to reflect changes made as a result of the RAI responses.

If you have any questions with regard to these RAI responses, or Amendment 21, please contact me at (573) 544-8272 or Ms. Sarah Kovaleski at (314) 225-1134.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Mark McLachlan", written in a cursive style.

Mark McLachlan  
Director, Systems Engineering

Executed on: 2/14/2013

DS/SGK/nls

Enclosures: 1) Request for Additional Information (RAI) Set #21 Responses  
2) Amendment 21, LRA Changes from RAI Responses

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

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