



July 2, 2012

ULNRC-05877

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 #1 AND AMENDMENT 4 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 (TAC No. ME7708)," dated June 11, 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 June 11, 2012 transmitted the first NRC Request for Additional Information (RAI) related to the application.

Enclosure 1 contains Union Electric Company's responses to the individual requests contained in the June 11, 2012 RAI. Enclosure 2 contains LRA Amendment 4 reflecting those changes made as a result of the RAI responses.

In addition, Enclosure 3 is provided, which includes the following updates provided as part of LRA Amendment 4:

- Oily Waste System scoping, screening, and AMR changes for flood mitigation piping
- Fire Protection Systems screening and AMR changes to provide a clarification for copper spray nozzles, and

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- Main Steam and Steam Generator Blowdown Systems AMR changes to revise the dry gas environment to a condensation environment.

It should be noted that one new commitment (Item #39) is reflected in Table A4-1 (within Enclosure 2).

If you have any questions with regard to these RAI response or LRA Amendment 4, 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: July 2, 2012



Les H. Kanuckel
Manager, Engineering Design

DS/SGK/nls

Enclosures: 1) Request for Additional Information (RAI) Set #1 Responses
2) Amendment 4, LRA Changes from RAI Responses
3) Amendment 4, Miscellaneous Updates to the Callaway LRA

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