



August 2, 2013

ULNRC-06019

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 #25 AND AMENDMENT 25 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 25 (TAC No. ME7708)," dated July 12, 2013
 - 3) NRC Letter, "Safety Evaluation Report with Open Items Related to the License Renewal of Callaway Plant, Unit 1 (TAC NO. ME7708), dated April 23, 2013
 - 4) ULNRC-05979 dated April 26, 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 July 12, 2013 transmitted the twenty-fifth Request for Additional Information (RAI) related to our application.

Enclosure 1 contains Ameren Missouri's response to the individual request contained in the July 12, 2013 RAI. Enclosure 2 contains LRA Amendment 25 to reflect changes made as a result of the RAI response. This response provides information intended to assist the staff in closing Open Item B2.1.20-1 identified in Reference 3.

Amendment 25 to the Callaway LRA also includes the following:

- Updates to LRA associated with implementation of LR-ISG-2012-01, "Wall Thinning Due to Erosion Mechanisms," that was issued on April 19, 2013.
- Updates to LRA to include submerged ESW pump casings and supports, submerged fire water system sump pump casings, and supports for the diesel fuel oil transfer pumps and piping that are submerged in the diesel fuel oil storage tanks.

This LRA update is part of a corrective action for submerged pump casings and/or associated supports that were inadvertently omitted from the LRA. The error has been entered into the Callaway Corrective Action Program. The corrective action process has confirmed that no additional LRA updates are required for submerged pump casings and their associated supports.

- Updates associated with the Fatigue Monitoring Program.

These updates were discussed on a call with the staff on June 24, 2013 regarding responses to LRA RAI Set 23 (Reference 4) and provide information intended to assist the staff in closing Open Item 4.3.4-1 identified in Reference 3.

It should be noted that there are no changes to commitments contained within this transmittal.

If you have any questions with regard to this RAI response, or Amendment 25, 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,



Executed on: AUGUST 2, 2013

Mark McLachlan
Director, Systems Engineering

DS/SGK/nls

Enclosures: 1) Request for Additional Information (RAI) Set #25 Response
2) Amendment 25, LRA Changes

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

Mr. Arthur T. Howell
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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