



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

April 7, 2014

LICENSEE: Union Electric Company d/b/a Ameren Missouri

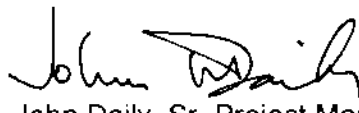
FACILITY: Callaway Plant, Unit 1

SUBJECT: SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON FEBRUARY 27 AND MARCH 4, 2014, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND UNION ELECTRIC COMPANY (AMEREN MISSOURI), PERTAINING TO THE CALLAWAY PLANT, UNIT 1, LICENSE RENEWAL APPLICATION REQUEST FOR ADDITIONAL INFORMATION SET 31 (TAC. NO. ME7708)

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of Union Electric Company (Ameren Missouri or the applicant) held a telephone conference call on February 27 and March 4, 2014, to discuss and clarify the requests for additional information (RAIs) presented in RAI Set 31 relating to the review of the Callaway Plant, Unit 1, license renewal application.

Enclosure 1 provides a listing of the participants and Enclosure 2 contains a description of the staff concerns discussed with the applicant. The participants agreed that the calls were useful in clarifying the RAIs.

The applicant had an opportunity to comment on this summary.


John Daily, Sr. Project Manager
Projects Branch 1
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket No. 50-483

Enclosures:

1. List of Participants
2. Summary of the Discussion

cc w/encls: Listserv

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/RA/

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*concurred via email

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PERTAINING TO THE CALLAWAY PLANT, UNIT 1, LICENSE RENEWAL
APPLICATION REQUEST FOR ADDITIONAL INFORMATION SET 31
(TAC. NO. ME7708)

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JDaily

FLyons

YDiaz

BMizuno (OGC)

GPick (RIV)

**SUMMARY OF TELEPHONE CONFERENCE CALL
CALLAWAY PLANT, UNIT 1
LICENSE RENEWAL APPLICATION**

LIST OF PARTICIPANTS
February 27 and March 4, 2014

PARTICIPANTS

John Daily
Bill Holston
John Wise
Chris Hovanec
Dave Shafer
Roger Wink
Andrew Burgess
Sarah Merciel
Lee Eitel
Roger Andreasen
Justin Stollhans
Mike Whitehead
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AFFILIATIONS

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ENCLOSURE 1

**SUMMARY OF TELEPHONE CONFERENCE CALL
CALLAWAY PLANT, UNIT 1
LICENSE RENEWAL APPLICATION
REQUEST FOR ADDITIONAL INFORMATION SET 31**

February 27 and March 4, 2014

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of Union Electric Company (Ameren Missouri or the applicant) held a telephone conference to discuss and clarify the requests for additional information (RAIs) presented in RAI Set 31 relating to the review of the Callaway Plant, Unit 1, license renewal application (LRA).

RAI issues discussed

- RAs 3.0.3-4a, 3.0.3-5a, and 3.0.3-6: It was agreed by staff and Ameren that these three RAs pertain mostly to minor clarifications, and Ameren agreed to include responses to the issues as a part of its response currently in production and due to be submitted on March 13, 2014. Ameren stated that the responses would resolve the questions, and the staff agreed to place these on "hold" pending receipt of that package. If the March 13, 2014, package adequately addresses these three RAs then it was agreed that they would not need to be issued and the RAs would be dropped.
- RAI 3.0.3-3a, Firewater system (Follow-up): The staff explained its concerns in the following areas: (a) the basis given for the exception lacks sufficient detail to show that the listed alternative tests and inspections are capable of detecting potential flow blockage in system risers; (b) the applicant's earlier RAI response appears to state that only 20 percent of the piping will be inspected at 5-year intervals during the period of extended operation, yet the staff's position is that, for portions of the fire water system that are periodically subject to flow, designed to be normally dry, and do not drain, reasonable assurance that flow blockage has not occurred would necessitate that inspections or tests ought to be conducted on 100 percent of these portions, every 5 years commencing 5 years prior to the period of extended operation; and (c) the staff is concerned that while flushes of firewater system piping can detect corrosion products, they cannot detect the presence of tubercles or other similar internal degradation; furthermore, a minimum amount of piping to be inspected was not stated.
- RAI 3.3.2-2a, Submerged bolting (Follow-up): Regarding Issue #1 and Request #1, the applicant stated that as a part of its license amendment for implementing NFPA-805, the raw water pumps in the Fire Protection System had been removed from the scope of license renewal, as indicated in its response letter dated February 14, 2014.

Regarding Issue #2 and Request #2, the staff explained its concerns with Ameren's position that managing the aging effects of the service water pump and its closure bolting is not required. The staff stated that while much of a pump is active, several key pump parts (e.g., casings, closure bolting) are passive, potentially long-lived, and provide a license renewal function; the staff also observed that these parts, particularly casing bolts, could be retained and re-used as part of a refurbishment yet not adequately age managed.

ENCLOSURE 2