



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

August 21, 2014

Mr. Fadi Diya
Senior Vice President
and Chief Nuclear Officer
Union Electric Company
P.O. Box 620
Fulton, MO 65251

SUBJECT: SAFETY EVALUATION REPORT RELATED TO THE LICENSE RENEWAL OF
CALLAWAY PLANT, UNIT 1

Dear Mr. Diya:

By letter dated December 15, 2011, Union Electric Company (Ameren Missouri or the applicant) submitted an application to renew operating license No. NPF-30 for Callaway Plant, Unit 1 (Callaway). The license renewal application (LRA) was submitted pursuant to Title 10 of the *Code of Federal Regulations* Part 54, "Requirements for Renewal of Operating Licenses for Nuclear Power Plants." The staff determined that the LRA was complete and acceptable for docketing on February 24, 2012.

Since that time, the staff has reviewed the Callaway LRA, performed site audits and inspections, issued requests for additional information (RAIs), reviewed the applicant's responses to the staff's RAIs, developed a safety evaluation report (SER) with open items dated April 23, 2013, and subsequently met with the Advisory Committee on Reactor Safeguards (ACRS) Subcommittee on May 22, 2014. The staff has closed the open items, and has developed the enclosed SER to document its findings associated with the safety review of the LRA and supporting documentation for Callaway, Unit 1.

F. Diya

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This SER is scheduled to be discussed with the ACRS Full Committee on October 2, 2014. If you have any questions regarding this matter, please contact the license renewal project manager, Mr. John Daily, at 301-415-3873 or by e-mail at John.Daily@nrc.gov.

Sincerely,

/RA/

John W. Lubinski, Director
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket No. 50-483

Enclosure:
As stated

cc w/encl: Listserv

F. Diya

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Letter to Fadi Diya from John W. Lubinski dated August 21, 2014

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