



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

February 26, 2014

Mr. Fadi Diya  
Senior Vice President and  
Chief Nuclear Officer  
Ameren Missouri Callaway  
Energy Center  
P.O. Box 620  
Fulton, MO 65251

SUBJECT: SCHEDULE REVISION FOR THE SAFETY REVIEW OF THE CALLAWAY  
PLANT, UNIT 1, LICENSE RENEWAL APPLICATION (TAC NO. ME7708)

Dear Mr. Diya:

By letter dated December 15, 2011, Union Electric Company (Ameren Missouri) submitted an application pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) Part 51 and 10 CFR Part 54, to renew operating license NPF-30 for the Callaway Plant, Unit 1 (Callaway), for review by the U.S. Nuclear Regulatory Commission (NRC) staff. This letter is to inform you of a change in the safety review schedule for the Callaway license renewal review.

The staff is revising the following safety review milestones "Advisory Committee on Reactor Safeguards (ACRS) subcommittee meeting," "Issue Final SER," and "ACRS full committee meeting." The "Advisory Committee on Reactor Safeguards (ACRS) subcommittee meeting" is revised from February 2014 to May 2014 because the staff needs additional information to complete its review of unresolved technical issues, in particular those concerning Materials Reliability Program (MRP)-227-A action item 1. Due to the revision of the ACRS subcommittee meeting, the safety review milestones "Issue Final SER" and "ACRS full committee meeting" are revised from March to September 2014, and from April to October 2014, respectively.

The staff notes that to complete all the necessary safety review activities (e.g., ACRS Subcommittee meeting, Final SER, ACRS Full Committee meeting) to support issuance of a renewed license for Callaway before the end of 2014, Ameren Missouri needs to resolve all technical issues by June 16, 2014. Therefore, final responses to all unresolved technical issues need to be provided to the staff no later than May 16, 2014. The unresolved technical issues are the following: (1) MRP-227-A action item 1; (2) clevis insert bolts; (3) internal surfaces and coatings operating experience; (4) National Fire Protection Association-805 gap analysis; (5) loss of material and loss of preload in submerged bolting; and (6) all outstanding RAIs. After receiving your responses, the staff will review and incorporate them into its safety review. The timeliness and quality of your responses is essential to maintain the schedule, and any delay could result in additional revisions to the enclosed schedule with the potential of leaving milestone schedule dates to be determined.

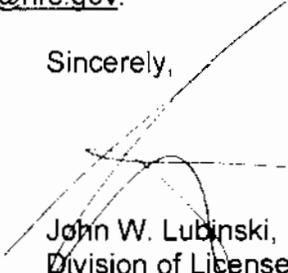
Enclosed is the staff's revised review schedule reflecting updates to the safety review for the Callaway license renewal application (LRA). The NRC will continue to follow established review procedures and the enclosed schedule to complete the reviews required by 10 CFR Part 54.

F. Diya

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If you have any questions on the revised safety schedule, please contact Mr. John Daily, project manager for the Callaway LRA safety review, by telephone at 301-415-3873 or by e-mail at [John.Daily@nrc.gov](mailto:John.Daily@nrc.gov).

Sincerely,



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

Docket No. 50-483

Enclosure:  
Revised safety review schedule

cc w/encl: Listserv

F. Diya

- 2 -

If you have any questions on the revised safety schedule, please contact Mr. John Daily, project manager for the Callaway LRA safety review, by telephone at 301-415-3873 or by e-mail at [John.Daily@nrc.gov](mailto:John.Daily@nrc.gov).

Sincerely,

*/RA/*

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

Docket No. 50-483

Enclosure:  
Revised safety review schedule

cc w/encl: Listserv

**ADAMS Accession No.: ML14050A020**

\*concurred via email

OFFICE	LA:RPB1:DLR	PM: RPB1:DLR	PM:RPB2:DLR	BC:RPB2:DLR	PM:RPB1:DLR	D:DLR
NAME	YEdmonds	JDaily	CFells	BWittick	YDiaz	JLubinski
DATE	2/19/14	2/24/14	2/24/14	2/24/14	2/24/14	2/26/14

**OFFICIAL RECORD COPY**

Letter to F. Diya from J. Lubinski dated February 26, 2014

SUBJECT: SCHEDULE REVISION FOR THE SAFETY REVIEW OF THE CALLAWAY  
PLANT, UNIT 1, LICENSE RENEWAL APPLICATION (TAC NO. ME7708)

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SCuadrado

JDaily

THartman

CFells

DMorey

BMizuno (OGC)

LSubin (OGC)

DCylkowski (OGC)

GPick

**CALLAWAY PLANT, UNIT 1  
LICENSE RENEWAL APPLICATION  
UPDATED REVIEW SCHEDULE**

<b>Milestone</b>	<b>Scheduled</b>	<b>Actual</b>
Receive license renewal application (LRA)	12/19/11	12/19/11
Publish Federal Register Notice (FRN) – LRA availability	01/2012	01/03/12
Publish FRN – acceptance/rejection and opportunity for hearing	02/2012	02/14/12
Publish FRN – environmental scoping meeting	02/2012	02/24/12
Public Meeting – License Renewal Overview and Environmental Scoping meeting	03/14/12	03/14/12
Audit – Scoping & Screening Methodology	04/16/12	04/16/12
Audit – Aging Management Programs	04/30/12	04/30/12
Deadline for filing hearing requests and petitions for intervention	04/2012	04/24/12
Environmental scoping period ends	04/2012	04/24/12
Audit – Environmental	05/22/12	05/22/12
Inspection – Regional	09/2012	09/2012
Issue safety evaluation report (SER) with open items	04/2013	04/23/13
Issue draft supplemental environmental impact statement (SEIS)	02/2014	02/12/14
Publish FRN – draft SEIS available for comments	02/2014	02/21/14
Advisory Committee on Reactor Safeguards (ACRS) subcommittee meeting	05/2014	
Public Meeting – draft SEIS meeting	03/2014	
End of draft SEIS comment period	04/2014	
Issue final SER	09/2014	
ACRS full committee meeting	10/2014	
Issue final SEIS	11/2014	
U.S. Environmental Protection Agency FRN Published – availability of final SEIS	11/2014	
Decision – Director, Office of Nuclear Reactor Regulation	TBD*	

\*To be determined (TBD)

ENCLOSURE