



February 28, 2013

ULNRC-05960

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

10 CFR 2.202

Ladies and Gentlemen:

**DOCKET NUMBER 50-483
CALLAWAY PLANT UNIT 1
UNION ELECTRIC CO.
FACILITY OPERATING LICENSE NPF-30
OVERALL INTEGRATED PLAN
IN RESPONSE TO MARCH 12, 2012 COMMISSION ORDER
MODIFYING LICENSES WITH REGARD TO RELIABLE SPENT
FUEL POOL INSTRUMENTATION (ORDER NUMBER EA-12-051)**

- References:
1. Letter dated March 12, 2012 from E. J. Leeds and M. R. Johnson, USNRC, to Adam C. Heflin, Callaway Plant, Union Electric Company, "Issuance of Order to Modify Licenses with Regard to Reliable Spent Fuel Pool Instrumentation," (ADAMS Accession No. ML12056A044)
 2. NRC Interim Staff Guidance JLD-ISG-2012-03, "Compliance with Order EA-12-051, Reliable Spent Fuel Pool Instrumentation," Revision 0, August 29, 2012 (ADAMS Accession No. ML12221A339)
 3. Nuclear Energy Institute document NEI 12-02, "Industry Guidance for Compliance with NRC Order EA-12-051, 'To Modify Licenses with Regard to Reliable Spent Fuel Pool Instrumentation,'" Revision 1, August 24, 2012 (ADAMS Accession No. ML12240A307)
 4. ULNRC-05925, "Initial Status Report in Response to March 12, 2012 Commission Order Modifying Licenses With Regard to Reliable Spent Fuel Pool Instrumentation," dated October 29, 2012

On March 12, 2012, the U. S. Nuclear Regulatory Commission (NRC) issued an order identified above as Reference 1 to Union Electric Company (dba Ameren Missouri) for Callaway Plant. Reference 1 was immediately effective and directs Ameren Missouri to have a reliable indication of water level in

associated spent fuel storage pools. Specific requirements are outlined in Attachment 2 of Reference 1.

Section IV, Condition C.1.a of Reference 1 requires submission of an Overall Integrated Plan by February 28, 2013. NRC Interim Staff Guidance (ISG) (Reference 2) was issued August 29, 2012 and endorses industry guidance document NEI 12-02, Revision 1 (Reference 3) with clarifications and exceptions identified in Reference 2. Reference 3 provides direction regarding the content of the Overall Integrated Plan.

Reference 4 provided Ameren Missouri's initial status report for Callaway Plant regarding reliable spent fuel pool instrumentation, as required by Reference 1.

The purpose of this letter is to provide the Overall Integrated Plan pursuant to Section IV, Condition C.1.a of Reference 1. This letter confirms Ameren Missouri has received Reference 2 and has an Overall Integrated Plan developed in accordance with the guidance for use in satisfying the requirements of Order EA-12-051 regarding reliable spent fuel pool instrumentation.

The enclosure to this letter provides Ameren Missouri's Overall Integrated Plan for spent fuel pool instrumentation at Callaway Plant pursuant to Reference 3. The enclosed integrated plan is based on conceptual design information. Final design details and associated changes for implementation such as procedure guidance, as well as any revisions to the information contained in the Enclosure to this letter, will be provided in the 6-month Overall Integrated Plan updates required by Reference 1.

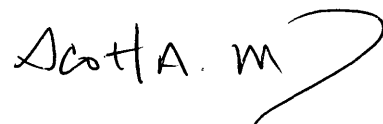
This letter does not contain new commitments.

If you have any questions concerning the content of this letter, please contact Scott Maglio, Regulatory Affairs Manager, at 573-676-8719.

I declare under penalty of perjury that the foregoing is true and correct.

Sincerely,

Executed on: 2/28/2013

A handwritten signature in black ink that reads "Scott A. Maglio". The signature is stylized, with the first letters of the first and last names being capitalized and prominent. There is a long, sweeping flourish at the end of the signature.

Scott A. Maglio
Regulatory Affairs Manager

SJM/nls

ULNRC-05960
February 28, 2013
Page 3 of 5

Enclosure: Ameren Missouri Spent Fuel Pool Instrumentation Integrated Plan, LTR-PFPS-13-3,
Revision 0, dated February 18, 2013

cc: Mr. Elmo E. Collins
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