

August 29, 2013

ULNRC-06026

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
FIRST SIX MONTH STATUS REPORT
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. 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
 4. ULNRC-05960, "Overall Integrated Plan in Response to March 12, 2012 Commission Order Modifying Licenses With Regard to Reliable Spent Fuel Pool Instrumentation," dated February 28, 2013

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.

Reference 1 required submission of an initial status report 60 days following issuance of final interim staff guidance from the NRC (Reference 2) and an overall integrated plan pursuant to Section IV, Condition C. Reference 3 provided Ameren Missouri's initial status report regarding reliable spent fuel pool instrumentation. Reference 4 provided Ameren Missouri's Overall Integrated Plan.

Section IV, Condition C.2 of Reference 1 requires submission of a status report at six-month intervals following submittal of the overall integrated plan. NEI 12-02, "Industry Guidance for Compliance with NRC Order EA-12-051, Reliable Spent Fuel Pool Instrumentation," provides direction regarding the content of the status reports. The enclosure to this letter provides Ameren Missouri's first six-month status report pursuant to Section IV, Condition C.2 of 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: 8/29/2013


Scott Maglio
Regulatory Affairs Manager

EMP/nls

Enclosure: Ameren Missouri's First Six-Month Status Report for the Implementation of Order EA-12-051, Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation

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Ameren Missouri's First Six Month Status Report for the Implementation of Order EA-12-051, Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation

1 Introduction

Ameren Missouri developed an Overall Integrated Plan (OIP) (Reference 1 in Section 8) for the Callaway Plant, documenting the requirements to install reliable spent fuel pool level instrumentation (SFPLI), in response to NRC Order EA-12-051 (Reference 2). This enclosure provides an update of milestone accomplishments since submittal of the OIP (Reference 1), including any changes to the compliance method, schedule, or need for relief/relaxation and the basis, if any. Refer to Section 8 of this enclosure for a list of References.

2 Milestone Accomplishments

The following milestones have been completed since development of the SFPLI OIP (Reference 1), and are current as of July 31, 2013.

- Commence Engineering and Design
- Ameren Missouri's Response to the NRC Request for Additional Information (RAI) Letter

3 Milestone Schedule Status

The following table provides an update of the milestone schedule provided in the SFPLI OIP to the NRC (Reference 1). The table provides the activity status of each item, and the expected completion date noting any changes. The dates are planning dates subject to change as design and implementation details are developed.

The milestone schedule was revised to add receipt of the NRC Request for Additional Information (RAI) (Reference 4). There were no other changes to the target completion dates in the milestone schedule table.

Milestone	Target Completion Date	Activity Status	Revised Target Completion Date
Commence Engineering and Design	1Q2013	Completed	
RAI Response (Note 1)	2Q2013	Completed	
Complete Design	4Q2013	Started	
Receipt of SFP Instruments	2Q2014	Not Started	
Complete SFP Instrumentation Procedures & Training	3Q2014	Not Started	
SFP Instruments Operational	4Q2014	Not Started	

Note 1: The RAI referred to here is the NRC’s RAI concerning the Overall Integrated Plan in response to Order EA-12-051 (Reference 3). Reference 4 provided Ameren Missouri’s response to the RAI.

4 Changes to Compliance Method

There are no changes to the compliance method documented in the Overall Integrated Plan (Reference 1).

5 Need for Relief/Relaxation and Basis for the Relief/Relaxation

Ameren Missouri expects to comply with the order implementation date and no relief/relaxation is anticipated at this time.

6 Open Items from Overall Integrated Plan and Draft Safety Evaluation

The following tables provide a summary of the open items documented in the Overall Integrated Plan or the Draft Safety Evaluation (SE) and the status of each item.

Overall Integrated Plan Open Item	Status
None	

Draft Safety Evaluation Open Item	Status
None	

7 Potential Draft Safety Evaluation Impacts

There are no potential impacts to the Draft Safety Evaluation identified at this time.

8 References

The following references support the updates to the Overall Integrated Plan described in this enclosure.

1. ULNRC-05960, "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)," dated February 28, 2013.
2. NRC Order EA-12-051, "Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation," dated March 12, 2012.
3. Letter dated June 7, 2013 from C. F. Lyon, USNRC to A. C. Heflin, Union Electric Company, "Callaway Plant, Unit 1 - Request for Additional Information RE: Overall Integrated Plan in Response to Order EA-12-051, 'Reliable Spent Fuel Pool Instrumentation' (TAC NO. MF0773)" (ADAMS Accession No. ML13121A187)
4. ULNRC-06008, "Response to Request for Additional Information With Regard to Reliable Spent Fuel Pool Instrumentation (Order Number EA-12-051)," dated July 3, 2013