



October 29, 2012

ULNRC-05925

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
INITIAL 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"
 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 Number ML12221A339)
 3. ULNRC-05843, Ameren Missouri Response to Commission Order to Modify Licenses with Regard to Reliable Spent Fuel Pool Instrumentation, March 30, 2012

On March 12, 2012, the Nuclear Regulatory Commission issued an order (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 the water level in associated spent fuel storage pools at Callaway Plant. Specific requirements are outlined in Attachment 2 of Reference 1.

Reference 1 requires submission of an initial status report 60 days following issuance of final interim staff guidance from the NRC. The final interim staff guidance (Reference 2) was issued August 30, 2012. The purpose of this letter is to provide the initial status report pursuant to Section IV, Condition C.2, of Reference 1 within 60 days following issuance of Reference 2. This report confirms Ameren Missouri has received Reference 2 and is in the process of evaluating the guidance for the purpose of

providing a reliable indication of the water level in associated spent fuel storage pools at Callaway Plant, in accordance with Attachment 2 of Reference 1.

Items to be reported per this status report are as follows:

Major activities completed during this reporting period:

- A site walk-down, which served as the reference plant walk-down for deployment of a guided wave radar level measurement technology for nuclear spent fuel pools, was completed on August 22, 2012. Representatives from Westinghouse Electric Company, LLC along with Ameren Missouri personnel conducted the site walk-down.

Planned activities for the next six months:

- Resources will be identified and project plans initiated, including development of milestones, to assure compliance with Reference 1.
- Development and submittal of the overall integrated plan.

Technical difficulties encountered that could affect the ability to provide the licensee's February 28, 2013, submittal:

- None

Project milestones schedule through completion of installation and testing:


- A project milestones schedule will be provided with the overall integrated plan.
- Implementation of the order will be completed prior to startup from Refueling Outage 20 (currently scheduled for Fall 2014).

If you have any questions concerning the content of this letter, please contact Scott Maglio, Regulatory Affairs Manager, at 573-676-8719. This letter does not contain new commitments.

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

Sincerely,

Executed on: 10/29/12



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