



Callaway Plant

August 9, 2018

ULNRC-06449

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

10 CFR 50.55a

Ladies and Gentlemen:

**DOCKET NUMBER 50-483  
CALLAWAY PLANT UNIT 1  
UNION ELECTRIC CO.  
RENEWED FACILITY OPERATING LICENSE NPF-30  
SUPPLEMENT TO OWNER'S ACTIVITY REPORT (OAR-1 FORM)  
FOR CYCLE/REFUEL 22**

**Reference:** 1) Ameren Missouri letter ULNRC-06419, "Owner's Activity Reports (OAR-1 Forms) for Cycle/Refuel 22," dated March 19, 2018 (Accession No. ML18078A788).

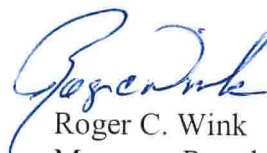
In the letter identified as Reference 1, Union Electric Company (Ameren Missouri) transmitted Owner's Activity Reports (OAR-1 forms) for Cycle 22 and Refuel 22 activities at Callaway Plant. One OAR-1 form was provided for Inservice Inspection (ISI) and Repair/Replacement activities during the first period of the fourth ISI Program interval, and another OAR-1 form was provided for containment Inservice Inspection (pursuant to ASME Section IX, subsection IWE) for the third period of the second IWE Program interval.

In regard to the OAR-1 form completed for ISI and Repair/Replacement activities, it was noted in the letter that the form was prepared and being submitted in accordance with ASME Code Case N-532-5, as required by the current Revision 0 of Callaway's Fourth Interval ISI Program Plan. Although the Code Case reference was correct, after submittal of the letter, it was determined that this OAR-1 form had been inadvertently prepared in accordance with ASME Code Case N-532-4. A revised OAR form for ISI and Repair/Replacement activities is therefore being provided per this submittal (as enclosed), which supersedes the previously submitted report. (The previously submitted OAR-1 form for containment Inservice Inspection activities is not affected.)

The error in regard to preparation and submittal of the noted OAR-1 form has been identified and entered in the plant's corrective action program. This letter does not contain new commitments.

If there are any questions, please contact Jim Kovar at 314-225-1478.

Sincerely,

A handwritten signature in blue ink, appearing to read "Roger Wink", is positioned above the printed name.

Roger C. Wink  
Manager, Regulatory Affairs

Enclosure

---

cc: Mr. Kriss M. Kennedy  
Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region IV  
1600 East Lamar Boulevard  
Arlington, TX 76011-4511

Senior Resident Inspector  
Callaway Resident Office  
U.S. Nuclear Regulatory Commission  
8201 NRC Road  
Steedman, MO 65077

Mr. L. John Klos  
Project Manager, Callaway Plant  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Mail Stop O9E3  
Washington, DC 20555-0001

**Index and send hardcopy to QA File A160.0761**

**Hardcopy:**

Certrec Corporation  
6100 Western Place, Suite 1050  
Fort Worth, TX 76107  
(Certrec receives ALL attachments as long as they are non-safeguards and may be publicly disclosed.)

**Electronic distribution for the following can be made via Other Situations ULNRC Distribution:**

F. M. Diya  
T. E. Herrmann  
B. L. Cox  
S. P. Banker  
R. C. Wink  
T. B. Elwood  
Corporate Communications  
NSRB Secretary  
STARS Regulatory Affairs  
Mr. Jay Silberg (Pillsbury Winthrop Shaw Pittman LLP)  
Missouri Public Service Commission

# CALLAWAY NUCLEAR PLANT FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number 22  
Plant Callaway Energy Center, P.O. Box 620, Fulton, MO 65251  
Unit No. 1 (if applicable) Commercial service date 12/19/1984 Refueling outage no. 22  
Current inspection interval 4<sup>th</sup> (1st, 2nd, 3rd, 4th, other)  
Current inspection period 1<sup>st</sup> (1st, 2nd, 3rd)  
Edition and Addenda of Section XI applicable to the inspection plans 2007 Edition with 2008 Addenda  
Date and revision of inspection plans 1/19/2016, Rev. 0  
Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the inspection plans Same as inspection plan  
Code Cases used for inspection and evaluation: N-532-5, N-661-2 and N-716-1  
(if applicable, including cases modified by Case N-532 and later revisions)

## CERTIFICATE OF CONFORMANCE

I certify that (a) the statements made in this report are correct; (b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI; and (c) the repair/replacement activities and evaluations supporting the completion of 22 conform to the requirements of Section XI. (refueling outage number)

Signed

Christy Kelley, Supervising Engineer  
Owner or Owner's Designee, Title

Date

07/18/2018

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by The Hartford Steam Boiler Inspection and Insurance Company, Inc. of Hartford, CT have inspected the items described in this Owner's Activity Report, and state that, to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the repair/replacement activities and evaluation described in this report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Brian Smith  
Inspector's Signature

Commission

NB 14733BNI

(National Board Number and Endorsement)

Date

7-18-18

## CALLAWAY NUCLEAR PLANT

TABLE 1  
ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED  
EVALUATION FOR CONTINUED SERVICE

Examination Category and Item Number	Item Description	Evaluation Description
NONE		

TABLE 2  
ABSTRACT OF REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED SERVICE

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
2	Heli-Coil Insert	<p>Install helical coil insert on atmospheric steam dump valve body-bonnet stud hole.</p> <p>The traceability of the helical coil insert was not able to be verified. CR 201801374 documents the non-conforming condition. The non-conforming condition will be resolved by either validating the material traceability or by replacing with helical coil insert during the next refueling outage.</p>	10/21/2017	16001113.510