



Callaway Plant

August 15, 2019

ULNRC-06527

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
OWNER'S ACTIVITY REPORTS (OAR-1 FORMS) FOR CYCLE/REFUEL 23**

Please find enclosed the Owner's Activity Reports (OAR-1 forms) for Cycle 23 and Refuel 23 activities at Callaway Plant. The reports are submitted pursuant to the provisions of the applicable revisions of ASME Boiler and Pressure Vessel Code Case N-532, "Alternative Requirements to Repair and Replacement Documentation Requirements and Inservice Summary Report Preparation and Submission."

The OAR-1 forms enclosed are associated with the following Cycle 23 and Refuel 23 activities at Callaway Plant:

1. Inservice Inspection (ISI) and Repair/Replacement activities for the second period of the fourth ISI Program interval, and
2. Containment Inservice Inspection pursuant to ASME Section XI, subsection IWE for the first period of the third IWE Program interval.

Each enclosed OAR-1 form includes a listing of items with identified flaws or relevant conditions that required evaluation for continued service (Table 1) and an abstract of repair/replacement activities required for continued service (Table 2).

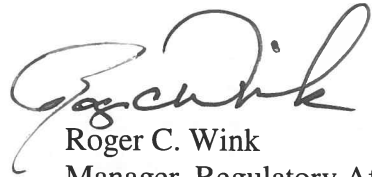
In accordance with Revision 1 of the Fourth Interval ISI Program Plan, the OAR-1 form for the ISI and Repair/Replacement activities is submitted in accordance with Code Case N-532-5. Similarly, in accordance with Revision 4 of the IWE Program Plan, the OAR-1 form for the Containment Inservice Inspection activities is submitted in accordance with Code Case N-532-5.

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This letter does not contain new commitments.

If there are any questions, please contact Mr. Tom Elwood at 314-225-1905.

Sincerely,

A handwritten signature in black ink, appearing to read "R. Wink", with a stylized flourish at the end.

Roger C. Wink
Manager, Regulatory Affairs

JPK/

Enclosure: OAR-1 forms (2)

cc: Mr. Scott A. Morris
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

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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 23

Plant Callaway Energy Center, 8315 County Road 459, Steedman, MO 65077

Unit No. 1 Commercial service date 12/19/1984 Refueling outage no. 23
(if applicable)

Current inspection interval 4th
(1st, 2nd, 3rd, 4th, other)

Current inspection period 2nd
(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 3/18/2019, Rev. 001

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 23 conform to the requirements of Section XI.
(refueling outage number)

Signed

James J. Bolen 13511 BSI/Welding Eng.
Owner or Owner's Designee, Title

Date

13-Aug-2019

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 HARTFORD STEAM BOILER INSPELNS. CO. 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.

[Signature]
Inspector's Signature

Commission

NB# 10989 C, I, N, R

(National Board Number and Endorsement)

Date

13 August 2019

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

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

Report Number NED20190032

Plant Callaway Energy Center, P. O. Box 620, Fulton, MO 65251

Unit No. 1 Commercial service date 12/19/1984 Refueling outage no. 23
(if applicable)

Current inspection interval 3rd (IWE Program)
(1st, 2nd, 3rd, 4th, other)

Current inspection period 1st (IWE Program)
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the inspection plans 2007 Edition with 2008 Addenda (IWE Program)

Date and revision of inspection plans IWE Program: 03/15/2018, Rev. 4

Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the inspection plans Same as
Inspection plan

Code Cases used N-532-5, N-765
(if applicable)

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 23 (refueling outage number) conform to the requirements of Section XI.

Signed



78223 IWE Engineer
Owner or Owner's Designee, Title

Date

2019.08.08

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 _____ of _____

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.

Inspector's Signature

Commission

National Board, State, Province, and Endorsements

Date

CALLAWAY NUCLEAR PLANT

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