



Callaway Plant

March 18, 2021

ULNRC-06630

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 24**

Please find enclosed the Owner's Activity Reports (OAR-1 forms) for Cycle 24 and Refuel 24 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 24 and Refuel 24 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 4.1 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 "S. Meyer", with a long horizontal line extending to the right.

Stephen J. Meyer  
Manager, Regulatory Affairs

JPK/mlp

Enclosure: OAR-1 forms (2)

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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. M. Chawla  
Project Manager, Callaway Plant  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Mail Stop 08B1A  
Washington, DC 20555-0001

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Ms. Kathleen McNelis (Public Service Commission)

Ms. Claire Eubanks (Public Service Commission)

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

Report Number 24

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

Unit No. 1 Commercial service date 12/19/1984 Refueling outage no. 24  
(if applicable)

Current inspection interval 4<sup>th</sup>  
(1st, 2nd, 3rd, 4th, other)

Current inspection period 2<sup>nd</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 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 24 conform to the requirements of Section XI.  
(refueling outage number)

Signed [Signature] B3574 ISI/Welding Eng Date 08-March-2021  
Owner or Owner's Designee Title

## 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.

[Signature] Commission NO 14725 C.I.N.R  
Inspector's Signature (National Board Number and Endorsement)

Date 03/10/21

**CALLAWAY NUCLEAR PLANT**

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

<b>Examination Category and Item Number</b>	<b>Item Description</b>	<b>Evaluation Description</b>
<b>NONE</b>		

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

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
NONE				

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

Report Number 24

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

Unit No. 1 Commercial service date 12/19/1984 Refueling outage no. 24  
(if applicable)

Current inspection interval 3<sup>rd</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 IWE Program: 10/10/2019, Rev. 4.1

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 and N-765  
(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 24 conform to the requirements of Section XI.  
(refueling outage number)

Signed *Valley Outright* NEDX Engineer Date 10-March-2021  
Owner or Owner's Designee, Title

### 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 HSS of 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]* Commission NB 14725 C.I.N.R  
Inspector's Signature (National Board Number and Endorsement)

Date 03/10/21



## 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
E-A, E.1.11	Incore Sump Liner	CR 202005276 - While performing Job 17514095.500, IWE inspection of the Incore Pit, Degraded coatings were identified. After the first inspection on 10/7/20, QC notified R/C Helpers to perform additional cleaning of the pit and took the job to 'Stopped'. QC re-inspected on 10/8/20 after cleaning was performed and identified multiple areas of bubbled coatings. A paint scraper was used to expose the liner plate on all of these locations, so the IWE exam could be completed. All areas identified had sound metal exposed and for the purpose of the IWE General Inspection, ESP-ZZ-01016 Section 3 and the Incore Pit, Area 31, was accepted. The Incore Pit will have coatings repaired in Refuel 25 to avoid degradation that would cause extensive structural repairs.

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

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
None				