



Callaway Plant

August 3, 2016

ULNRC-06322

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 21**

Please find enclosed the Owner's Activity Reports (OAR-1 forms) for Cycle 21 and Refuel 21 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 21 and Refuel 21 activities at Callaway Plant:

1. Inservice Inspection (ISI) and Repair/Replacement activities for the first period of the fourth ISI Program interval, and
2. Containment Inservice Inspection pursuant to ASME Section XI, subsection IWE for the third period of the second 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 0 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 3 of the IWE Program Plan, the OAR-1 form for the Containment Inservice Inspection activities is submitted in accordance with Code Case N-532-4.

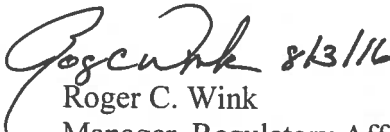
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This letter does not contain new commitments. If there are any questions, please contact Jim Kovar at (314) 225-1478.

Sincerely,

 8/3/16 PIN
6381
Roger C. Wink
Manager, Regulatory Affairs

JPK/

Enclosure: OAR-1 forms (2)

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
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Washington, DC 20555-0001

Index and send hardcopy to QA File A160.0761

Hardcopy:

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

Report Number 21

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

Unit No. 1 Commercial service date 12/19/1984 Refueling outage no. 21
(if applicable)

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

Current inspection period 1st
(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, Revision 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 N-532-5
(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 21
(refueling outage number) conform to the requirements of Section XI.

Signed  55399 Date 08/02/16
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 The Hartford Steam Boiler Inspection and Insurance Company of Connecticut 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.

 Commission 14733ANI, MO0503
Inspector's Signature National Board, State, Province, and Endorsements
Pin 117391

Date 8-2-2016

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	NPS 2 pipe to elbow socket weld failure.	Weld repair was performed on a failed socket weld joining an NPS 2 pipe with a 90° elbow. This connection was later removed and the configuration was replaced during a modification to the system, per Job 13005672.	12/1/2014	14006129

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

Report Number 21

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. 21

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

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

Edition and Addenda of Section XI applicable to the inspection plans 2001 Edition with 2003 Addenda (IWE Program)

Date and revision of inspection plans IWE Program: 12/08/2009, Rev. 3

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-532-4
(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 21 (refueling outage number) conform to the requirements of Section XI.

Signed [Signature] - PREETI SHIRGUR 55395 Date 08/02/2016
Owner or Owner's Designee, Title
IWE ENGINEER

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 of Connecticut or 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] Commission 14733 ANI, mo 0503
Inspector's Signature National Board, State, Province, and Endorsements
P: 1173 91
Date 8-2-2016

CALLAWAY NUCLEAR PLANT

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

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