



August 21, 2013

ULNRC-06021

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

Ladies and Gentlemen:

**DOCKET NUMBER 50-483  
CALLAWAY PLANT UNIT 1  
UNION ELECTRIC CO.  
FACILITY OPERATING LICENSE NPF-30  
OWNER'S ACTIVITY REPORTS (OAR-1 FORMS) FOR CYCLE 19 AND REFUEL 19**

Please find enclosed the Owner's Activity Reports (OAR-1 forms) for Cycle 19 and Refuel 19 activities at Callaway Plant. The reports are submitted pursuant to the provisions of ASME Boiler and Pressure Vessel Code Case N-532-4, "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 19 and Refuel 19 activities at Callaway Plant:

1. Inservice Inspection and Repair/Replacement activities, and
2. Containment Inservice Inspection pursuant to ASME Section XI, subsection IWE.

In accordance with Code Case N-532-4, each attached OAR-1 form includes a listing of items with 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).

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

Sincerely,

S. A. Maglio  
Regulatory Affairs Manager

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JPK/nls

Enclosed: OAR-1 forms (2)

cc: Mr. Steven A. Reynolds  
Acting 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. Fred Lyon  
Project Manager, Callaway Plant  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Mail Stop O-8B1  
Washington, DC 20555-2738

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

**Hardcopy:**

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Mr. John O'Neill (Pillsbury Winthrop Shaw Pittman LLP)  
Missouri Public Service Commission

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

Report Number 19

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

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

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

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

Edition and Addenda of Section XI applicable to the inspection plans 1998 Edition with 2000 Addenda

Date and revision of inspection plans 7/11/2012, Revision 6

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

Signed [Signature] SUPERVISOR, ENGINEER Date 8/19/2013  
ENGINEERING PROGRAMS  
 PIN# 20621 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 the State or Province of Missouri and employed by HSBCT 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] PIN# 96805 Commissions NB # 14035 AN 1 MO # 462  
Inspector's Signature National Board, State, Province, and Endorsements

Date

# 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
F-A, F1.20	2-BG-02-H011, frame style support with horizontal members above and below horizontal pipe	CAR 201301702, Evaluation of clearances between piping and support

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	None	None	None	None

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

Report Number 19

Plant Callaway Plant

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

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

Current inspection period 2<sup>nd</sup> (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: 12/15/2009, Rev. 3

Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the inspection plans N/A

Code Cases used N-532-4, N-685  
(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 19 conform to the requirements of Section XI.  
(refueling outage number)

Signed Curtis J. Stundobech <sup>18502 IWE Program</sup> Owner Date 8/19/13  
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 the State or Province of Missouri and employed by HSB CT 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] <sup>PIN #</sup> 96805 Commissions NB # 14035ANI MO # 462  
Inspector's Signature National Board, State, Province, and Endorsements

Date

# CALLAWAY NUCLEAR PLANT

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