



February 23, 2012

ULNRC-05838

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 REFUEL 18**

Please find enclosed the Owner's Activity Reports (OAR-1 forms) for Refuel 18 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 Refuel 18 activities at Callaway Plant:

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

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. For any questions regarding the attached information, please contact me at (573) 676-8719.

Sincerely,


Scott A. Maglio
Regulatory Affairs Manager

ACS/nls

Enclosed: OAR-1 Forms (2)

ULNRC-05838
February 23, 2012
Page 2

cc: Mr. Elmo E. Collins, Jr.
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U. S. Nuclear Regulatory Commission
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Senior Project Manager, Callaway Plant
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U. S. Nuclear Regulatory Commission
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Washington, DC 20555-2738

Index and send hardcopy to QA File A160.0761

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

Report Number 18

Plant Callaway Plant

Unit No. 1 Commercial service date 12/19/1984 Refueling outage no. 18
(if applicable)

Current inspection interval 2nd (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 2001 Edition with 2003 Addenda (IWE Program)

Date and revision of inspection plans IWE Program: 10/06/2009, 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 18 conform to the requirements of Section XI.
(refueling outage number)

Signed Curtis J. Stumppel IWE Program Date 2/9/12
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.

John A. Jones # 96805 Commissions NB# 14035 ANI MO # 462
Inspector's Signature National Board, State, Province, and Endorsements

Date 14 - FEB - 12

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, E1.11	Containment Liner Plate Barrel	CAR 201108817 identified areas on the containment liner plate barrel having blistered paint. The evaluation determined that the blistered paint was not a result of corrosion or other distress to the liner base metal and the condition was therefore acceptable.
E-A, E1.11	Containment Normal Sump Liner	CAR 201109796 identified corrosion on the 'A' containment sump liner plate that did not meet acceptance criteria. The evaluation determined that there was no structural degradation due to the corrosion and the condition was acceptable.

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 18

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

Unit No. 1 Commercial service date 12/19/1984 Refueling outage no. 18
(if applicable)

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

Current inspection period 2nd
(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 10/24/2012, Revision 5

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

Code Cases used N-460, N-532-4, N-533-1, N-566-2, N-616, N-623, N-652, N-706, N-722-1, N-729-1
(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 18 (refueling outage number) conform to the requirements of Section XI.

Signed *Aug Kum* PW 12472 Date 2/22/2012
Owner or Owner's Designee, Title
Manager, Engineering Programs

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] # 96805 Commissions NB # 14035ANI MO # 462
Inspector's Signature National Board, State, Province, and Endorsements

Date 23-FEB-12

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	None	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	BGV0002, Chemical and Volume Control System Letdown Orifice B Outlet Throttle Valve	Perform Section XI Repair to correct leakage at 2" BGV0002 fillet weld.	11/15/2010	10008582