



April 3, 2014

ULNRC-06108

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

10 CFR 2.101
10 CFR 2.109(b)
10 CFR 50.4
10 CFR 50.30
10 CFR 51.53(c)
10 CFR 54

Ladies and Gentlemen:

**DOCKET NUMBER 50-483
CALLAWAY PLANT UNIT 1
UNION ELECTRIC CO.
FACILITY OPERATING LICENSE NPF-30
SUPPLEMENTAL RESPONSE TO RAI SET #30 (RAI 3.1.2.1-6)**

- References: 1) ULNRC-05830 dated December 15, 2011
2) NRC Letter, "Request for Additional Information for the Review of the Callaway Plant, Unit 1, License Renewal Application, Set 30 (TAC No. ME7708)," dated February 12, 2014
3) ULNRC-06090 dated March 13, 2014

By the Reference 1 letter, Union Electric Company (Ameren Missouri) submitted a license renewal application (LRA) for Callaway Plant Unit 1. In Reference 2 dated February 12, 2014 the NRC transmitted the thirtieth (30th) Request for Additional Information (RAI) related to the application.

Ameren Missouri provided a partial response to the February 12, 2014 RAI regarding the Callaway reactor vessel internals clevis insert bolt design and 2013 inspection results in Reference 3. This letter transmits additional supporting information related to materials and heat treatment methods at these locations. Enclosure 1 of this letter supplements the original RAI response and refers to information provided by Westinghouse Electric Company LLC (Westinghouse).

Also included with this submittal are Attachments 1, 2, and 3:

- 1) One (1) copy of LTR-RIAM-14-23, Revision 1, Attachment 1 "Westinghouse Final Response to U.S. NRC RAI 3.1.2.1-6 (a) and (b) on the Callaway Nuclear Plant Reactor Lower Radial Support Clevis Insert Bolts (Proprietary)"
- 2) One (1) copy of LTR-RIAM-14-23, Revision 1, Attachment 2 "Westinghouse Final Response to U.S. NRC RAI 3.1.2.1-6 (a) and (b) on the Callaway Nuclear Plant Reactor Lower Radial Support Clevis Insert Bolts (Non-Proprietary)"
- 3) Westinghouse Application for Withholding Proprietary Information from Public Disclosure CAW-14-3933, accompanying Affidavit, Proprietary Information Notice, and Copyright Notice.

As Attachment 1 contains information proprietary to Westinghouse Electric Company LLC, it is supported by an Affidavit signed by Westinghouse, the owner of the information. The Affidavit sets forth the basis on which the information may be withheld from public disclosure by the Commission and addresses with specificity the considerations listed in paragraph (b)(4) of Section 2.390 of the Commission's regulations.

Accordingly, it is respectfully requested that the information which is proprietary to Westinghouse be withheld from public disclosure in accordance with 10 CFR Section 2.390 of the Commission's regulations.

Correspondence with respect to the copyright or proprietary aspects of the items listed above or the supporting Westinghouse Affidavit should reference CAW-14-3933 and should be addressed to James A. Gresham, Manager, Regulatory Compliance, Westinghouse Electric Company, Suite 310, 1000 Westinghouse Drive, Cranberry Township, Pennsylvania 16066.

It should be noted that there are no changes to commitments contained in this transmittal.

If you have any questions with regard to this RAI response supplement, please contact me at (573) 489-9435 or Roger Wink at (314) 225-1561.

I declare under penalty of perjury that the foregoing is true and correct.

Sincerely,



Executed on: April 3, 2014

Sarah Kovalski
Director, Engineering Design

DS/nls

Enclosure:

1. Supplemental Response to RAI Set #30 (RAI 3.1.2.1-6)

Attachments:

1. One (1) copy of LTR-RIAM-14-23, Revision 1, Attachment 1 “Westinghouse Final Response to U.S. NRC RAI 3.1.2.1-6 (a) and (b) on the Callaway Nuclear Plant Reactor Lower Radial Support Clevis Insert Bolts (Proprietary)”
2. One (1) copy of LTR-RIAM-14-23, Revision 1, Attachment 2 “Westinghouse Final Response to U.S. NRC RAI 3.1.2.1-6 (a) and (b) on the Callaway Nuclear Plant Reactor Lower Radial Support Clevis Insert Bolts (Non-Proprietary)”
3. Westinghouse Application for Withholding Proprietary Information from Public Disclosure CAW-14-3933, accompanying Affidavit, Proprietary Information Notice, and Copyright Notice.

ULNRC-06108

April 3, 2014

Page 4

cc: Mr. Marc L. Dapas
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. John Daily, Senior Project Manager
Project Branch 1
Division of License Renewal
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Mail Stop O-11F1
Washington, DC 20555

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

Mr. Gregory A. Pick
U. S. Nuclear Regulatory Commission
Region IV
1600 East Lamar Boulevard
Arlington, TX 76011-4511

Index and send hardcopy to QA File A160.0761

Hardcopy:

Certrec Corporation

4150 International Plaza Suite 820

Fort Worth, TX 76109

(Certrec receives ALL attachments as long as they are non-safeguards and may be publicly disclosed.)

Electronic distribution for the following can be made via Tech Spec ULNRC Distribution:

F. M. Diya

C. O. Reasoner III

D. W. Neterer

L. H. Graessle

B. L. Cox

J. S. Geyer

S. M. Maglio

T. B. Elwood

Corporate Communications

NSRB Secretary

B. C. Daniels

M. A. McLachlan

G. S. Kremer

S. G. Kovaleski

R. C. Wink

STARS Regulatory Affairs

Mr. John O'Neill (Pillsbury Winthrop Shaw Pittman LLP)

Missouri Public Service Commission

Ms. Leanne Tippet-Mosby (DNR)

E. A. Blocher (STARS PAM COB)

M. G. Hoehn II

J. A. Doughty

J. D. Nurrenbern