



June 6, 2013

ULNRC-05998

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

10 CFR 50.90
10 CFR 50.59(c)(2)(viii)

Ladies and Gentlemen:

**DOCKET NUMBER 50-483
CALLAWAY PLANT UNIT 1
UNION ELECTRIC CO.
FACILITY OPERATING LICENSE NPF -30
PROPOSED REVISION TO FINAL SAFETY ANALYSIS REPORT
FSAR-SP SECTIONS 3.7(B) & 3.7(N), "SEISMIC DESIGN"
(LICENSE AMENDMENT REQUEST LDCN 12-0041) (TAC NO. MF0407)**

- References: 1) ULNRC-05941 dated December 20, 2012
2) NRC Letter, "Callaway Plant, Unit 1 -Request for Additional Information Re: Proposed Revision to FSAR-SP Sections 3.7(B) And 3.7(N), "Seismic Design" (TAC No. MF0407)

By the Reference 1 letter, Union Electric Company (Ameren Missouri) submitted a proposed amendment that would revise a methodology in the licensing basis, as described in the Final Safety Analysis Report - Standard Plant (FSAR-SP), to include damping values for the seismic design and analysis of the integrated head assembly (IHA) that are consistent with the recommendations of Regulatory Guide (RG) 1.61, Revision 1 "Damping Values for Seismic Design of Nuclear Power Plants". Reference 2 dated May7, 2013 transmitted a Request for Additional Information (RAI) related to our application.

Enclosure 1 contains Ameren Missouri's responses to the individual requests contained in the May 7, 2013 RAI.

It should be noted that this his letter does not contain new commitments.

Please contact Scott Maglio, Regulatory Affairs Manager, at (573) 676-8719 for any questions you may have regarding this amendment application.

ULNRC-05998

June 6, 2013

Page 2

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

Sincerely,



Shannon L. Abel
Director Engineering Projects

Executed on: June 6, 2013

DS/nls

Enclosure: 1) Response to Request for Additional Information License Amendment Request to Revise the Licensing Basis for Seismic Design as Described in the FSAR-SP

ULNRC-05998

June 6, 2013

Page 3

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

Mr. Arthur T. Howell
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

ULNRC-05998

June 6, 2013

Page 4

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:

A. C. Heflin

F. M. Diya

C. O. Reasoner III

B. L. Cox

L. H. Graessle

J. S. Geyer

S. A. Maglio

R. Holmes-Bobo

NSRB Secretary

T. B. Elwood

G. G. Yates

STARS Regulatory Affairs

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

Missouri Public Service Commission

Ms. Leanne Tippett Mosby (DNR)

W. P. Muskopf