Mr. Adam C. Heflin, Senior Vice  
President and Chief Nuclear Officer  
AmerenUE  
P.O. Box 620  
Fulton, MO  65251

SUBJECT:  ANNUAL ASSESSMENT LETTER – CALLAWAY PLANT  
(NRC INSPECTION REPORT 05000483/2010001)

Dear Mr. Heflin:

On February 17, 2010, the NRC staff completed its performance review of Callaway Plant. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through December 31, 2009. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility.

Overall, Callaway Plant operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter, as well as for the first three quarters of the assessment cycle, was within the Licensee Response column of the NRC’s Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct reactor oversight process (ROP) baseline inspections at your facility.

The enclosed inspection plan details the inspections, less those related to physical protection scheduled through June 30, 2011. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last nine months of the inspection plan are tentative and may be revised at the mid-cycle review.

In accordance with 10 CFR 2.390 of the NRC’s “Rules of Practice,” a copy of this letter and its enclosure will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC’s Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at http://www.nrc.gov/reading-rm/adams.html (the Public Electronic Reading Room).
If circumstances arise which cause us to change this inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at 817-860-8141 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Geoffrey B. Miller, Chief
Reactors Projects Branch B
Division of Reactors Projects

Docket Nos. 50-483
License Nos. NPF-30

Enclosure: Callaway Plant Inspection / Activity Plan

Mr. Luke H. Graessle
Director, Operations Support
AmerenUE
P.O. Box 620
Fulton, MO 65251

E. Hope Bradley
Manager, Protective Services
AmerenUE
P.O. Box 620
Fulton, MO 65251

Mr. Scott Sandbothe, Manager
Plant Support
AmerenUE
P.O. Box 620
Fulton, MO 65251

R. E. Farnam
Assistant Manager, Technical Training
AmerenUE
P.O. Box 620
Fulton, MO 65251

J. S. Geyer
Radiation Protection Manager
AmerenUE
P.O. Box 620
Fulton, MO 65251

John O’Neill, Esq.
Pillsbury Winthrop Shaw Pittman LLP
2300 N. Street, N.W.
Washington, DC 20037
Missouri Public Service Commission  
P.O. Box 360  
Jefferson City, MO 65102-0360

Dru Buntin  
Director of Government Affairs  
Department of Natural Resources  
P.O. Box 176  
Jefferson City, MO 65102-0176

President and Chief Executive officer  
Wolf Creek Nuclear Operating Corporation  
P.O. Box 411  
Burlington, KS 66839

Kathleen Logan Smith, Executive Director and  
Kay Drey, Representative, Board of Directors  
Missouri Coalition for the Environment  
6267 Delmar Boulevard, Suite 2E  
St. Louis, MO 63130

Presiding Commissioner  
Callaway County Court House  
10 East Fifth Street  
Fulton, MO 65251

Director, Missouri State Emergency Management Agency  
P.O. Box 116  
Jefferson City, MO 65102-0116

Mr. Scott Clardy, Administrator  
Section for Disease Control  
Missouri Department of Health and Senior Services  
P.O. Box 570  
Jefferson City, MO 65102-0570

Certrec Corporation  
4200 South Hulen, Suite 422  
Fort Worth, TX 76109

Mr. Keith G. Henke, Planner II  
Division of Community and Public Health  
930 Wildwood Drive  
P.O. Box 570  
Jefferson City, MO 65102
Chief, Technological Hazards Branch
FEMA Region VII
9221 Ward Parkway, Suite 300
Kansas City, MO 64114-3372

Lee Fritz
Presiding Commissioner
Callaway County Courthouse
10 East 5th Street
Fulton, MO 65251

Gabe Craighead
Eastern District Commissioner
Callaway County Courthouse
10 East 5th Street
Fulton, MO 65251

Donald "Doc" Kritzer
Western District Commissioner
Callaway County Courthouse
10 East 5th Street
Fulton, MO 65251

The Honorable Charles M. Latham
Mayor of Fulton
Fulton City Hall
P.O. Box 130
Fulton, MO 65251

William Johnson
Fulton City Administrator
P.O. Box 130
Fulton, MO 65251

Steve Myers
Chief of Police
Fulton City Hall
P.O. Box 130
Fulton, MO 65251

Dennis Crane
Sheriff, Callaway County
P.O. Box 817
Fulton, MO 65251

The Honorable Tom Shackelford
Mayor of Mokane
P.O. Box 41
Mokane, MO 65059
Daniel Dyer, Director  
Emergency Management  
Gasconade County Courthouse, Room 2  
119 East First Street  
Hermann, MO  65041

Ron Jost  
Presiding Commissioner  
Gasconade County Courthouse  
119 East First Street  
Hermann, MO  65041

Matt Penning  
Northern District Commissioner  
Gasconade County Courthouse  
119 East First Street  
Hermann, MO  65041

Jerry Lairmore  
Southern District Commissioner  
Gasconade County Courthouse  
119 East First Street  
Hermann, MO  65041

Randy Esphorst  
Sheriff, Gasconade County  
Gasconade County Courthouse, Room 22  
119 East First Street  
Hermann, MO  65041

The Honorable Samuel Birk  
Mayor of Morrison  
634 Highway 100  
Morrison, MO  65061

Bob Bishop  
Emergency Management Director  
Montgomery County Courthouse  
211 East Third  
Montgomery City, MO  63361

Charles Korman  
Presiding Commissioner  
Montgomery County Courthouse  
211 East Third  
Montgomery City, MO  63361
Rich Daniels  
First District Commissioner  
Montgomery County Courthouse  
211 East Third  
Montgomery City, MO  63361

John Noltensmeyer  
Second District Commissioner  
Montgomery County Courthouse  
211 East Third Street  
Montgomery City, MO  63361

Robert Davis  
Sheriff, Montgomery County  
Montgomery County Courthouse  
211 East Third Street  
Montgomery City, MO  63361

The Honorable Steve Wehrle  
Mayor of Rhineland  
P.O. Box 384  
Rhineland, MO  65069

Russell J. Scheulen  
Presiding Commissioner  
Osage County Courthouse  
P.O. Box 826  
Linn, MO  65051

Elmer Senevey  
First District Commissioner  
Osage County Courthouse  
P.O. Box 826  
Linn, MO  65051

Vince Sampson  
Second District Commissioner  
Osage County Administration Bldg.  
P.O. Box 826  
Linn, MO  65051

Carl Fowler  
Sheriff, Osage County  
Osage County Administration Bldg.  
P.O. Box 619  
Linn, MO  65051
The Honorable James Wright  
Mayor of Chamois  
105 S. Cherry Street  
Chamois, MO  65024

Federal Emergency Management Agency  
Mr. Dick Hainje, Regional Director  
Region VII  
9221 Ward Parkway, Suite 300  
Kansas City, MO  64114-3372

Paul Parmenter, Director  
State Emergency Management Agency  
P.O. Box 116  
Jefferson City, MO  65102

Ronald L. McCabe, Chief  
Technological Hazards Branch  
National Preparedness Division  
DHS/FEMA  
9221 Ward Parkway  
Suite 300  
Kansas City, MO  64114-3372

Ms. Michelle Kidwell  
Emergency Preparedness Director  
Callaway County/Fulton  
P.O. Box 817  
Fulton, MO  65251

Ms. Andi Rice  
Emergency Management Director  
Osage County Courthouse  
P.O. Box 192  
Linn, MO  65051
cc.
Electronic distribution by RIV:
Regional Administrator (Elmo.Collins@nrc.gov)
Deputy Regional Administrator (Chuck.Casto@nrc.gov)
DRP Director (Dwight.Chamberlain@nrc.gov)
DRP Deputy Director (Anton.Vegel@nrc.gov)
DRS Director (Roy.Caniano@nrc.gov)
DRS Deputy Director (Troy.Pruett@nrc.gov)
Branch Chief, DRP/B (Geoffrey.Miller@nrc.gov)
Senior Project Engineer, DRP/B (Rick.Deese@nrc.gov)
Senior Resident Inspector (David.Dumbacher@nrc.gov)
Branch Chief, DRS/TSB (Michael.Hay@nrc.gov)
RITS Coordinator (Marisa.Herrera@nrc.gov)
Public Affairs Officer (Victor.Dricks@nrc.gov)
Regional State Liaison Officer (Bill.Maier@nrc.gov)
RA Administrative Assistant (Lucy.Owen@nrc.gov)
DRA Administrative Assistant (Anita.Tannenbaum@nrc.gov)
Branch Chief, DRS/EB1 (Thomas.Farnholtz@nrc.gov)
Branch Chief, DRS/EB2 (Neil.OKeefe@nrc.gov)
Branch Chief, DRS/PSB1 (Michael.Shannon@nrc.gov)
Branch Chief, DRS/PSB2 (Greg.Werner@nrc.gov)
Branch Chief, DRS/OB (Mark.Haire@nrc.gov)
OEDO RIV Coordinator (Leigh.Trocine@nrc.gov)
Director, DIRS, NRR (Frederick.Brown@nrc.gov)
Director, DORL, NRR (Joseph.Gitter@nrc.gov)
Deputy Director, DORL, NRR (Robert.Nelson@nrc.gov)
Chief, PLB IV, DORL, NRR (Michael.Markley@nrc.gov)
NRR Project Manager (Mohan.Thadani@nrc.gov)
RidsNrrDirslpab Resource@nrc.gov
RORPreports.Resource@nrc.gov
Congressional Affairs Officer (Jenny.Weil@nrc.gov)
mortensengk@INPO.org

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