



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
612 EAST LAMAR BLVD, SUITE 400  
ARLINGTON, TEXAS 76011-4125

March 4, 2009

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

SUBJECT: ANNUAL ASSESSMENT LETTER - CALLAWAY PLANT (NRC INSPECTION  
REPORT 05000483/2009001)

Dear Mr. Heflin

On February 11, 2009, the NRC staff completed its performance review of the Callaway Plant. Our technical staff reviewed performance indicators for the most recent quarter and inspection results for the period from January 1 through December 31, 2008. 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.

This performance review and enclosed inspection plan do not include security information. A separate letter designated and marked as "Official Use Only - Security-Related Information" will include the security cornerstone review and resultant inspection plan.

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 performance indicators 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, 2010. 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 document 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/**

Vincent G. Gaddy, Chief  
Reactor Projects Branch B  
Division of Reactor Projects

Docket: 50-483  
License: NPF-30

Enclosure:  
Callaway Inspection/Activity Plan

cc w/enclosure:

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  
Fulton City Hall  
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

Fay Owsley  
Gasconade County Public  
Administrator  
3287 Highway 19  
Owensville, MO 65066

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 Courthouse  
P.O. Box 826  
Linn, MO 65051

Carl Fowler  
Sheriff, Osage County  
Osage County Courthouse  
P.O. Box 619  
Linn, MO 65051

The Honorable Brenda Schollmeyer  
Mayor of Chamois  
404 East Fourth 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

Ronald M. Reynolds, 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

John O'Neill, Esq.  
Pillsbury Winthrop Shaw Pittman LLP  
2300 N. Street, N.W.  
Washington, DC 20037

Mr. Scott A. Maglio, Assistant Manager  
Regulatory Affairs  
AmerenUE  
P.O. Box 620  
Fulton, MO 65251

Mr. Tom Elwood, Supervising Engineer  
Regulatory Affairs and Licensing  
AmerenUE  
P.O. Box 620  
Fulton, MO 65251

Missouri Public Service Commission  
P.O. Box 360  
Jefferson City, MO 65102-0360

Deputy Director for Policy  
Department of Natural Resources  
P.O. Box 176  
Jefferson City, MO 65102-0176

Mr. Rick A. Muench, 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 City, MO 63130

Mr. Lee Fritz, Presiding Commissioner  
Callaway County Courthouse  
10 East Fifth Street  
Fulton, MO 65251

Mr. Les H. Kanuckel, Manager  
Quality Assurance  
AmerenUE  
P.O. Box 620  
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

Mr. Scott Sandbothe, Manager  
Regulatory Affairs  
AmerenUE  
P.O. Box 620  
Fulton, MO 65251

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

Mr. Keith G. Henke, Planner II  
Division of Community and Public Health  
Office of Emergency Coordination  
Missouri Department of Health and  
Senior Services  
930 Wildwood Drive  
P.O. Box 570  
Jefferson City, MO 65102

Chief, Radiological Emergency  
Preparedness Section  
FEMA Region VII  
9221 Ward Parkway, Suite 300  
Kansas City, MO 64114-3372

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)  
 DRP Director (Roy.Caniano@nrc.gov)  
 DRP Deputy Director (Troy.Pruett@nrc.gov)  
 Senior Resident Inspector (David.Dumbacher@nrc.gov)  
 Branch Chief, DRP (Vincent.Gaddy@nrc.gov)  
 Senior Project Engineer, DRP (Rick.Deese@nrc.gov)  
 Team Leader, DRP/TSS (Chuck.Paulk@nrc.gov)  
 RITS Coordinator (Marisa.Herrera@nrc.gov)  
 Public Affairs Officer (Victor.Dricks@nrc.gov)  
 Regional State Liaison Officer (Bill.Maier@nrc.gov)  
 RA Secretary (Lucy.Owen@nrc.gov)  
 DRA Secretary (Judy.Kilcrease@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 (Bernard.Stapleton@nrc.gov)  
 OEDO RIV Coordinator, Primary (Shawn.Williams@nrc.gov)  
 OEDO RIV Coordinator, Backup (Eugene.Guthrie@nrc.gov)  
 OEDO, TRPS (Tamara.Bloomer@nrc.gov)  
 Deputy Director, DIRS, NRR (Frederick.Brown@nrc.gov)  
 Director, DORL, NRR (Joseph.Giitter@nrc.gov)  
 Deputy Director, DORL, NRR (Timothy.McGinty@nrc.gov)  
 Chief, PLB IV, DORL, NRR (Thomas.Hiltz@nrc.gov)  
 NRR Project Manager (Mohan.Thadani@nrc.gov)  
 RidsNrrDirslpab Resource@nrc.gov  
 ROPreports.Resource@nrc.gov  
 mortenseng@INPO.org

File located: R:\\_Reactors\EOC and Midcycle\EOC Assessment Letters\2008\Callaway.doc

SUNSI Rev Compl.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	ADAMS	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Reviewer Initials	VGG
Publicly Avail	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Sensitive	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Sens. Type Initials	VGG
RIV:C:DRP/B	D:DRS	D:DRP	C:DRP/B		
VGaddy	RJCaniano	DDChamberlain	VGaddy		
/RA/	/RA/	/RA/	/RA/		
2/23/2009	2/23/2009	2/24/2009	3/2/2009		

OFFICIAL RECORD COPY      T-Telephone      E-Email      F-Fax



**Callaway**  
**Inspection / Activity Plan**  
**03/01/2009 - 06/30/2010**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
<b>EXAM - INTIAL EXAM</b>					<b>3</b>
1	05/11/2009	05/15/2009	X02374	CALLOWAY NUCLEAR-INITIAL EXAM (06/2009)	
1	06/22/2009	06/26/2009	X02374	CALLOWAY NUCLEAR-INITIAL EXAM (06/2009)	
<b>RP-ORS4 - OCCUPATIONAL RADIATION SAFETY - ACCESS</b>					<b>1</b>
1	04/27/2009	05/01/2009	IP 7112101	Access Control to Radiologically Significant Areas	
1	04/27/2009	05/01/2009	IP 7112102	ALARA Planning and Controls	
1	04/27/2009	05/01/2009	IP 71151	Performance Indicator Verification	
<b>RP-ORS5 - OCCUPATIONAL RADIATION SAFETY - ALARA</b>					<b>1</b>
1	06/01/2009	06/05/2009	IP 7112101	Access Control to Radiologically Significant Areas	
1	06/01/2009	06/05/2009	IP 7112102	ALARA Planning and Controls	
1	06/01/2009	06/05/2009	IP 71151	Performance Indicator Verification	
<b>RPTEAM - RADIATION SAFETY TEAM INSPECTION</b>					<b>4</b>
1	06/22/2009	06/26/2009	IP 2515/173	Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative	
1	06/22/2009	06/26/2009	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment	
1	06/22/2009	06/26/2009	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems	
1	06/22/2009	06/26/2009	IP 7112202	Radioactive Material Processing and Transportation	
1	06/22/2009	06/26/2009	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Program	
<b>REQUAL - BIENNIAL REQUAL</b>					<b>3</b>
1	08/31/2009	09/04/2009	IP 7111111B	Licensed Operator Requalification Program	
<b>EP1 - EP EXERCISE INSPECTION</b>					<b>3</b>
1	10/19/2009	10/23/2009	IP 7111401	Exercise Evaluation	
1	10/19/2009	10/23/2009	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1	10/19/2009	10/23/2009	IP 71151	Performance Indicator Verification	
<b>EB1-08P - INSERVICE INSPECTION</b>					<b>2</b>
1	04/05/2010	04/30/2010	IP 2515/172	Reactor Coolant System Dissimilar Metal Butt Welds	
1	04/05/2010	04/30/2010	IP 7111108P	Inservice Inspection Activities - PWR	
<b>EP-1 - BIENNIAL EP PROGRAM INSPECTION</b>					<b>1</b>
1	05/17/2010	05/21/2010	IP 7111402	Alert and Notification System Testing	
1	05/17/2010	05/21/2010	IP 7111403	Emergency Response Organization Augmentation Testing	
1	05/17/2010	05/21/2010	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1	05/17/2010	05/21/2010	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1	05/17/2010	05/21/2010	IP 71151-EP01	Drill/Exercise Performance	
1	05/17/2010	05/21/2010	IP 71151-EP02	ERO Drill Participation	
1	05/17/2010	05/21/2010	IP 71151-EP03	Alert & Notification System	

This report does not include INPO and OUTAGE activities.  
This report shows only on-site and announced inspection procedures.

**Callaway**  
**Inspection / Activity Plan**  
**03/01/2009 - 06/30/2010**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>EB2-07T - TRIENNIAL HEAT SINK PERFORMANCE</b>		<b>1</b>
1	05/10/2010	05/14/2010	IP 7111107T	Heat Sink Performance	
			<b>EB1-17T - 50.59 AND MODS</b>		<b>3</b>
1	06/14/2010	06/25/2010	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	

This report does not include INPO and OUTAGE activities.  
This report shows only on-site and announced inspection procedures.