



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

June 8, 2009

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

SUBJECT: SUMMARY OF ANNUAL PERFORMANCE ASSESSMENT MEETING FOR  
CALLAWAY PLANT

Dear Mr. Heflin:

This refers to the public meeting conducted at William Woods University in Fulton, Missouri, on June 4, 2009, to discuss the safety performance at Callaway Plant between January 1 and December 31, 2008.

Topics discussed during the meeting included the Reactor Oversight Process and the safety performance at Callaway Plant. Members of the public present at the meeting were allowed to ask questions and comment on the proceedings.

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). Should you have any questions concerning this matter, I will be pleased to discuss them with you.

Sincerely,

**/RA/**

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

Docket: 50-483  
License: NPF-30

Enclosures:

1. Attendance List
2. Presentation Slides
3. Licensee Presentation Slides

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  
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Fulton, MO 65251

Steve Myers  
Chief of Police  
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Dennis Crane  
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Fulton, MO 65251

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Mayor of Mokane  
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Emergency Management  
Gasconade County Courthouse, Room 2  
119 East First Street  
Hermann, MO 65041

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Gasconade County Courthouse  
119 East First Street  
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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  
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Fay Owsley  
Gasconade County Public  
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Mayor of Morrison  
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Morrison, MO 65061

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John Noltensmeyer  
Second District Commissioner  
Montgomery County Courthouse  
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Robert Davis  
Sheriff, Montgomery County  
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The Honorable Steve Wehrle  
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Vince Sampson  
Second District Commissioner  
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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  
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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  
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Linn, MO 65051

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- OEDO RIV Coordinator ([John.Adams@nrc.gov](mailto:John.Adams@nrc.gov))
- ROPreports
- Callaway Site Secretary ([Dawn.Yancey@nrc.gov](mailto:Dawn.Yancey@nrc.gov))

SUNSI Review Completed: \_\_\_\_\_ ADAMS:  Yes       No      Initials: VGG  
 Publicly Available     Non-Publicly Available     Sensitive       Non-Sensitive  
R:\\_REACTORS\EOC and Midcycle\EOC Meeting Summaries\2009\CW EOC MS 060409.doc

SPE:DRP/PBB	C: DRP/PBB				
RWDeese	VGGaddy				
<b>/RA/VGG for</b>	<b>/RA/</b>				
06/8/2009	06/8/2009				

OFFICIAL RECORD COPY    T=Telephone      E=E-mail      F=Fax


## END-OF-CYCLE PUBLIC MEETING ATTENDANCE


<b>LICENSEE / FACILITY</b>	AmerenUE / Callaway Plant		
<b>DATE / TIME</b>	June 4, 2009 / 5:30 p.m.		
<b>LOCATION</b>	William Woods University - Burton Business Bldg.; Fulton, MO		
NAME (PLEASE PRINT)	Organization	Phone	E-mail
Jeanette Mott Oxford	State Rep. District 59	314 - 771-8882	jmo4rep@ juno.com
DeAndress S. Green	In-District Aide	314 - 359-4897	gooddsg@yahoo. com
Jeanie Riddle	State Rep Dist. 20-Callaway	573-751- 5226	jeanie.riddle@ hous.mo.gov
KENNY JONES	STATE REP. DIST. 117	573-751 2134	Kenny.JONES@ House.MO.GOV
WARDER BAXTER	President & CEO AmerenUE	314-554- 6302	Wbaxter@ Ameren.com
Mike Taylor	Missouri PSC Staff	573-526- 5880	michael.taylor@ psc.mo.gov
TIM HERRMANN	AMERENUE	573-676- 8241	THerrmann@ ameren.com
Steve Petzel	Ameren UE	573 676 4307	
JANE BEETEM	MO DNR	573-522- 2401	Jane.beetem@ dnr.mo.gov
Edward S. Long	MO SEMA	573-526-9139	—
Scott Sandbothe	Ameren UE	573-893-7493	LSandbothe@ ameren.com
DAN TROKEY	Ameren UE	573-676-4489	dtrokey@ ameren.com
Scott Maglio	Ameren UE	573 676 8719	smaglio@ ameren.com








  
**Callaway Plant Annual Assessment Meeting**  
 CY2008 Reactor Oversight Program




Fulton, MO  
 June 4, 2009



**Agenda**

- Introduction
- About the NRC
- Discussion of Callaway Plant Performance
- Licensee Response and Remarks
- NRC Closing Remarks
- NRC available to address public questions

**NRC Performance Goals** 

**Safety**  
 Ensure adequate protection of public health and safety and the environment

**Security**  
 Ensure adequate protection in the secure use and management of radioactive materials


**Inspection Examples**

**2500 hours of direct inspections last year.**

Specialized Team Inspections

Triennial fire protection	-250 hrs/3 yrs
Operator training	-125 hrs/yr
Emergency preparedness	-80 hrs/yr
Rad. controls	-110 hrs/2 yrs
Worker radiation protection	-95 hrs/yr
Corrective action program	-250 hrs/2 yrs
Corrective action case reviews	-60 hrs/yr

Additionally the resident inspectors inspected 17 focused areas last year and walked through the plant every day.

**Callaway Plant Annual Assessment Summary** 

January 1 – December 31, 2008

At Callaway last year, AmerenUE met the very high standards the NRC sets for safety and security.

- Inspection findings
  - Green: very low safety issue
  - White: low to moderate safety issue
  - Yellow: substantial safety issue
  - Red: high safety issue
- All 2008 findings at Callaway were green.

**NRC Plans For 2009**

- Conduct the same level of aggressive inspections at Callaway.
- Triennial Fire Protection inspection
- Emergency Preparedness Exercise assessment
- Review of the Operator requalification program and results
- Radiation Protection Program reviews



# ADAMs Results

Web Search - ADAMs Results List

Document ID	Title	Author	Organization	Date
10102	Callaway Plant Annual Assessment Meeting CY2008 Reactor Oversight Program			2008-04-21
10103	Callaway Plant Annual Assessment Meeting CY2008 Reactor Oversight Program			2008-04-21
10104	Callaway Plant Annual Assessment Meeting CY2008 Reactor Oversight Program			2008-04-21
10105	Callaway Plant Annual Assessment Meeting CY2008 Reactor Oversight Program			2008-04-21
10106	Callaway Plant Annual Assessment Meeting CY2008 Reactor Oversight Program			2008-04-21
10107	Callaway Plant Annual Assessment Meeting CY2008 Reactor Oversight Program			2008-04-21
10108	Callaway Plant Annual Assessment Meeting CY2008 Reactor Oversight Program			2008-04-21
10109	Callaway Plant Annual Assessment Meeting CY2008 Reactor Oversight Program			2008-04-21
10110	Callaway Plant Annual Assessment Meeting CY2008 Reactor Oversight Program			2008-04-21

# Adams results

Adams results

- 10102 Callaway Plant Annual Assessment Meeting CY2008 Reactor Oversight Program
- 10103 Callaway Plant Annual Assessment Meeting CY2008 Reactor Oversight Program
- 10104 Callaway Plant Annual Assessment Meeting CY2008 Reactor Oversight Program
- 10105 Callaway Plant Annual Assessment Meeting CY2008 Reactor Oversight Program
- 10106 Callaway Plant Annual Assessment Meeting CY2008 Reactor Oversight Program
- 10107 Callaway Plant Annual Assessment Meeting CY2008 Reactor Oversight Program
- 10108 Callaway Plant Annual Assessment Meeting CY2008 Reactor Oversight Program
- 10109 Callaway Plant Annual Assessment Meeting CY2008 Reactor Oversight Program
- 10110 Callaway Plant Annual Assessment Meeting CY2008 Reactor Oversight Program



## Callaway Plant Annual Assessment Meeting CY2008 Reactor Oversight Program

### Questions and Comments from members of the public

Information on the NRC and our assessment processes is available at this meeting. We encourage you to take copies of this information home with you.



## NRC Public Meeting

2008 Annual Assessment  
AmerenUE Response

Adam C. Heflin  
Sr. Vice President & Chief Nuclear Officer

1



## Callaway Team

- Adam Heflin  
*Senior Vice President and Chief Nuclear Officer*
- Fadi Diya  
*Vice President, Nuclear Operations*
- Tim Herrmann  
*Vice President, Engineering*
- Luke Graessle  
*Director, Operations Support*

2



## Summary

- We concur with the NRC's assessment of Callaway's performance
  - Actions have been and are being taken to address the issues
- Callaway will continue to operate in a manner that preserves public health and safety

3



## Refuel Outage 16

- No Recordable or Lost Time Injuries
- No INPO Significant Plant Events
- Duration 28 days
- Investment of ~ 6 million to improve plant safety and reliability
- Spent ~ \$23 million on preventative maintenance, testing, inspections and routine maintenance

4



### Essential Service Water (ESW) Buried Pipe Replacement

- This is the first use of HDPE pipe in a safety related application in the US
- Required special NRC approval for the use of the pipe, including special NDE testing
- Approximately 1600' of High Density Polyethylene Piping (HDPE) pipe installed for the ESW system supply and return piping between the ESW Pump House, UHS Cooling Tower and Control Building

5



### License Renewal Application

- Submitted Advanced Notification of Intent to Pursue Operating License Renewal for Callaway Plant Unit 1 on November 18, 2008
- License Renewal Application submittal planned for 4Q 2011
- Renewed Operating License expected in 4Q 2013

6



### Our Mission:

To Safely, Reliably, and Efficiently Generate Electricity

### Our Vision:

To become the best nuclear plant in the United States – in the eyes of our customers, stakeholders, communities and employees

7



### Going Forward

- Business plan is guiding performance improvement
- Focus for 2009 is on Human Performance Fundamentals and Equipment Reliability
- Excellence strategies :
  - Operational
  - Equipment
  - Organizational
  - Training
- Objective: Sustained Performance Improvement

8