



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

September 2, 2008

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

SUBJECT: MIDCYCLE PERFORMANCE REVIEW AND INSPECTION PLAN -
CALLAWAY PLANT

Dear Mr. Heflin:

On August 5, 2008, the NRC staff completed its performance review of Callaway Plant for the first half of the calendar year 2008 assessment cycle. Our technical staff reviewed performance indicators for the most recent quarter and inspection results over the previous 12 months. 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.


Plant performance for the most recent quarter at Callaway Plant 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 baseline inspections at your facility.

The enclosed inspection plan details the inspections, less those related to physical protection scheduled through December 31, 2009. 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 9 months of the inspection plan are tentative and may be revised at the end-of-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 the 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,


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

Docket: 50-483
License: NPF-30

Enclosure: Callaway Plant Inspection/ Activity Plan

cc w/Enclosure

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SUNSI Review Completed: VGG ADAMS: Yes No Initials: VGG
 Publicly Available Non-Publicly Available Sensitive Non-Sensitive

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C:SPE:DRP/B	C:DRP/B	D:DRS	D:DRP	
RWDeese	VGGaddy	RJCaniano	DDChamberlain	
/RA/	/RA/	/RA/ TWPrueett for	/RA/	
8/21/08	8/21/08	8/21/08	8/27/08	

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T=Telephone

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Callaway

Inspection / Activity Plan
 09/01/2008 - 12/31/2009

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
1	EB1-08 - INSERVICE INSPECTION ACTIVITIES		2			
1	IP 2515/172	Reactor Coolant System Dissimilar Metal Butt Welds		10/20/2008	10/31/2008	Generic Safety Inspecti
1	IP 7111108P	Inservice Inspection Activities - PWR		10/20/2008	10/31/2008	Baseline Inspections
1	RP-ORS2 - OCCUPATIONAL RADIATION SAFETY-ACCESS		2			
1	IP 7112101	Access Control to Radiologically Significant Areas		10/20/2008	10/24/2008	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		10/20/2008	10/24/2008	Baseline Inspections
1	IP 71151-OR01	Occupational Exposure Control Effectiveness		10/20/2008	10/24/2008	Baseline Inspections
1	IP 71151-PR01	RETS/ODCM Radiological Effluent		10/20/2008	10/24/2008	Baseline Inspections
1	EB2-05T - TRIENNIAL FIRE PROTECTION		4			
1	IP 7111105T	Fire Protection [Triennial]		02/02/2009	02/06/2009	Baseline Inspections
1	IP 7111105T	Fire Protection [Triennial]		02/23/2009	02/27/2009	Baseline Inspections
1	RP-ORS4 - OCCUPATIONAL RADIATION SAFETY - ACCESS		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		03/09/2009	03/13/2009	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		03/09/2009	03/13/2009	Baseline Inspections
1	IP 71151	Performance Indicator Verification		03/09/2009	03/13/2009	Baseline Inspections
1	EXAM - INTIAL EXAM		3			
1	X02374	CALLOWAY NUCLEAR-INITIAL EXAM (08/2008)		05/11/2009	05/15/2009	Not Applicable
1	X02374	CALLOWAY NUCLEAR-INITIAL EXAM (08/2008)		06/08/2009	06/12/2009	Not Applicable
1	RP-ORS5 - OCCUPATIONAL RADIATION SAFETY - ALARA		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		06/01/2009	06/05/2009	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		06/01/2009	06/05/2009	Baseline Inspections
1	IP 71151	Performance Indicator Verification		06/01/2009	06/05/2009	Baseline Inspections
1	RPTTEAM - RADIATION SAFETY TEAM INSPECTION		5			
1	IP 2515/173	Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative		06/22/2009	06/26/2009	Generic Safety Inspecti
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		06/22/2009	06/26/2009	Baseline Inspections
1	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		06/22/2009	06/26/2009	Baseline Inspections
1	IP 7112202	Radioactive Material Processing and Transportation		06/22/2009	06/26/2009	Baseline Inspections
1	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Program		06/22/2009	06/26/2009	Baseline Inspections
1	REQVAL - BIENNIAL REQVAL		3			
1	IP 7111111B	Licensed Operator Requalification Program		08/31/2009	09/04/2009	Baseline Inspections
1	EP1 - EP EXERCISE INSPECTION		3			
1	IP 7111401	Exercise Evaluation		10/19/2009	10/23/2009	EP Baseline Inspection
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		10/19/2009	10/23/2009	EP Baseline Inspection
1	IP 71151	Performance Indicator Verification		10/19/2009	10/23/2009	Baseline Inspections

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