



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
1600 EAST LAMAR BLVD
ARLINGTON, TEXAS 76011-4511

September 4, 2012

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

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN –
CALLAWAY PLANT (05000483/2012006)

Dear Mr. Heflin:

On August 14, 2012, the U.S. Nuclear Regulatory Commission (NRC) completed its mid-cycle performance review of Callaway Plant. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from July 1, 2011, through June 30, 2012. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility. This assessment reflects the integration of the Security Cornerstone into the ROP performance assessment program governed by IMC 0305, "Operating Reactor Assessment Program."

The NRC determined the performance at Callaway Plant during the most recent quarter was within the Regulatory Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because of one greater-than-green Security Cornerstone input as described in Inspection Report 05000483/2011404 dated November 3, 2011. A supplemental inspection was completed on April 27, 2012, with no findings identified. On July 21, 2012, a Security Follow-Up Assessment Letter (ML12202B199) was issued indicating Callaway transitioned back to the Licensee Response Column effective June 30, 2012.

The enclosed inspection plan lists the inspections scheduled through December 31, 2013. Routine inspections performed by resident inspectors are not included in the inspection plan. In addition to the baseline inspections, consistent with the Agency's actions related to Fukushima, the NRC will perform TI-187, "Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns," and TI-188, "Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns." The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the end-of-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes. This inspection plan does not include security-related inspections, which will be sent via separate, non-publicly available correspondence.

A. Heflin

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From July 1, 2010 – June 30, 2011, the NRC identified four traditional enforcement violations. All four involved the traditional enforcement area related to violations that may impact the ability of the NRC to perform its regulatory oversight functions. In our assessment letter dated March 5, 2012 (ML120650852) we stated our intention to conduct Inspection Procedure 92723, "Follow-Up Inspection for Three or More Severity Level IV Traditional Enforcement Violation in the Same 12-Month Period." This inspection was completed on April 27, 2012, with no findings identified. Therefore, we plan no further action for this issue.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be 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).

Please contact me at (817) 200-1141 with any questions you may have regarding this matter.

Sincerely,



Neil O'Keefe, Chief
Reactor Projects Branch B
Division of Reactor Projects

Docket No.: 50-483
License No: NPF-30

Enclosure: Callaway Plant Inspection/Activity Plan

cc w/Enclosure: Electronic Distribution

Callaway
Inspection/Activity Plan
09/01/2012 - 12/31/2013

Unit Number	Planned Dates Start End	Inspection/Activity	Title	No. of Staff on Site
1	03/01/2012 12/31/2012	2515/182 - UNDERGROUND PIPING PHASE 1	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	3
1	07/01/2012 12/31/2012	2515/187 - FLOODING WALKDOWNS	Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns	3
1	07/01/2012 12/31/2012	2515/188 - SEISMIC WALKDOWNS	Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns	3
1	09/10/2012 09/14/2012	EP-1 - BIENNIAL EP PROGRAM INSPECTION	Alert and Notification System Testing	1
1	09/10/2012 09/14/2012	IP 7111402	Emergency Preparedness Organization Staffing and Augmentation System	
1	09/10/2012 09/14/2012	IP 7111403	Emergency Action Level and Emergency Plan Changes	
1	09/10/2012 09/14/2012	IP 7111404	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1	09/10/2012 09/14/2012	IP 7111405	Drill/Exercise Performance	
1	09/10/2012 09/14/2012	IP 71151-EP01	ERO Drill Participation	
1	09/10/2012 09/14/2012	IP 71151-EP02	Alert & Notification System	
1	09/10/2012 09/14/2012	IP 71151-EP03		
1	09/10/2012 09/14/2012	EB2-02 - LICENSE RENEWAL	License Renewal Inspection	5
1	09/10/2012 09/14/2012	IP 71002	License Renewal Inspection	
1	09/24/2012 09/28/2012	IP 71002	EXAM - INITIAL OPERATOR EXAM	4
1	02/11/2013 02/15/2013	X02500	INITIAL EXAM CALLAWAY (04/01/2012)	
1	03/18/2013 03/23/2013	X02500	INITIAL EXAM CALLAWAY (04/01/2012)	
1	01/01/2013 06/30/2013	2515/182 - UNDERGROUND PIPING PHASE 1	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	2
1	01/01/2013 12/31/2013	2515/187 - FLOODING WALKDOWNS	Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns	3
1	01/01/2013 12/31/2013	2515/188 - SEISMIC WALKDOWNS	Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns	2
1	01/01/2013 12/31/2013	PSB2-RP - RADIATION PROTECTION	Radiological Hazard Assessment and Exposure Controls	2
1	04/15/2013 04/19/2013	IP 71124.01	Occupational ALARA Planning and Controls	
1	04/15/2013 04/19/2013	IP 71124.02	Occupational Exposure Control Effectiveness	
1	04/15/2013 04/19/2013	IP 71151-OR01	RETS/ODCM Radiological Effluent	
1	04/15/2013 04/19/2013	IP 71151-PR01	INSERVICE INSPECTION	1
1	04/15/2013 04/26/2013	IP 7111108P	Inservice Inspection Activities - PWR	

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

Callaway

Inspection / Activity Plan

09/01/2012 - 12/31/2013

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
1	06/24/2013 06/28/2013	INSP - LICENSED OPERATOR REQUAL INSP		3
		IP 711111B	Licensed Operator Requalification Program	
1	08/19/2013 08/23/2013	EB1-07T - TRIENNIAL HEAT SINK INSPECTION		1
		IP 7111107T	Heat Sink Performance	
1	08/19/2013 08/23/2013	PSB2-RP - RADIATION SAFETY		4
		IP 71124.05	Radiation Monitoring Instrumentation	
1	08/19/2013 08/23/2013	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1	08/19/2013 08/23/2013	IP 71124.07	Radiological Environmental Monitoring Program	
1	08/19/2013 08/23/2013	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
1	09/23/2013 09/27/2013	EPI - BIENNIAL EXERCISE INSPECTION		5
		IP 7111401	Exercise Evaluation	
1	09/30/2013 10/11/2013	EB1-17T - TRIENNIAL PERM PLANT MODS & 50.59		3
		IP 711117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	

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