



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION IV
1600 E. LAMAR BLVD.
ARLINGTON, TX 76011-4511

March 4, 2014

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

SUBJECT: ANNUAL ASSESSMENT LETTER FOR CALLAWAY PLANT
(REPORT 05000483/2013001)

Dear Mr. Diya:

On February 11, 2014, the NRC completed its end-of-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 January 1, 2013, through December 31, 2013. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility.

The NRC determined that overall, Callaway Plant operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at Callaway Plant during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low (i.e., Green) safety significance, and all PIs indicated that your performance was within the nominal, expected range (i.e., Green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through June 30, 2015. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the mid-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.

As a result of the Safety Culture Common Language Initiative, the terminology and coding of cross-cutting aspects were revised effective January 1, 2014. New cross-cutting aspects will be coded in accordance with the latest revision to NRC Inspection Manual Chapter (IMC) 0310, dated December 19, 2013. Cross-cutting aspects identified in the last six months of 2013 using the previous terminology will be converted to the revised language in accordance with the cross-reference in IMC 0310. The revised cross-cutting aspects will be evaluated for cross-cutting themes and potential substantive cross-cutting issues in accordance with IMC 0305 starting with the calendar year 2014 mid-cycle assessment.

F. Diya

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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 have regarding this letter.

Sincerely,

/RA/

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

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

Enclosure: Callaway Plant Inspection / Activity Plan

Distribution:

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02/27/2014	02/28/2014	02/28/2014	

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Callaway
 Inspection / Activity Plan
 03/01/2014 - 06/30/2015

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			EXAM - INITIAL OPERATOR EXAM		4
	11/03/2014	11/07/2014	X02535	INITIAL EXAM-CALLAWAY (02/01/2015)	
	12/08/2014	12/12/2014	X02535	INITIAL EXAM-CALLAWAY (02/01/2015)	
			EB1-21T - COMPONENT DESIGN BASIS INSPECTION		7
	04/14/2014	04/18/2014	IP 7111121	Component Design Bases Inspection	
	04/28/2014	05/02/2014	IP 7111121	Component Design Bases Inspection	
	05/12/2014	05/16/2014	IP 7111121	Component Design Bases Inspection	
			EP-2 - EP PROGRAM INSPECTION		1
	04/12/2014	04/25/2014	IP 7111402	Alert and Notification System Testing	
	04/21/2014	04/25/2014	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
	04/21/2014	04/25/2014	IP 7111404	Emergency Action Level and Emergency Plan Changes	
	04/12/2014	04/25/2014	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
			EP-1 - EP PERFORMANCE INDICATORS		
	04/12/2014	04/25/2014	IP 71151-EP01	Drill Exercise Performance	
	04/21/2014	04/25/2014	IP 71151-EP02	ERO Drill Participation	
	04/21/2014	04/25/2014	IP 71151-EP03	Alert & Notification System	
			ISFSI - PAD POUR INSPECTION (MULTIPLE VISITS)		
	05/01/2014	06/30/2014	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
			TSB 52B - BIENNIAL PI&R		4
	08/11/2014	08/15/2014	IP 711528	Problem Identification and Resolution	
	08/25/2014	08/29/2014	IP 711528	Problem Identification and Resolution	
			RS 24 - RADIATION SAFETY		2
	08/25/2014	08/29/2014	IP 71124.02	Occupational ALARA Planning and Controls	
	08/25/2014	08/29/2014	IP 71124.04	Occupational Dose Assessment	
			71111.08 - CALLAWAY INSERVICE INSPECTION		
	10/13/2014	10/24/2014	IP 7111108P	Inservice Inspection Activities- PWR	
			RS 13 PI - RADIATION SAFETY		2
	10/27/2014	10/31/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
	10/27/2014	10/31/2014	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
	10/27/2014	10/31/2014	IP 71151-OR01	Occupational Exposure Control Effectiveness	
	10/27/2014	10/31/2014	IP 71151-PR01	RETS/ODCM Radiological Effluent	
			EB2-05T - TRIENNIAL FIRE PROTECTION INSPECTION		4
	04/27/2015	05/01/2015	IP 7111105x	Fire Protection- NFPA 805 (Triennial)	

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

Callaway
 Inspection / Activity Plan
 03/01/2014 - 06/30/2015

Unit Number	Planned Dates Start	Planned Dates End	Section	Activity	Title	No. of Staff on Site
			EB2-05T	- TRIENNIAL FIRE PROTECTION INSPECTION		4
05/11/2015	05/15/2015		IP 7111105x	Fire Protection- NFPA 805 (Triennial)		
			EP-2	- HAB EXERCISE INSPECTION		2
05/04/2015	05/08/2015		IP 7111404	Emergency Action Level and Emergency Plan Changes		
05/04/2015	05/08/2015		IP 7111407	Exercise Evaluation - Hostile Action (HA) Event		
			EP-3	- EP PERFORMANCE INDICATORS		2
05/04/2015	05/08/2015		IP 71151-EP01	Drill/Exercise Performance		
05/04/2015	05/08/2015		IP 71151-EP02	ERO Drill Participation		
05/04/2015	05/08/2015		IP 71151-EP03	Alert & Notification System		
			INSP	- OPERATOR REQUAL INSPECTION		3
06/15/2015	06/19/2015		IP 71111118	Licensed Operator Requalification Program		