



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

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

August 28, 2017

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

SUBJECT: UPDATED INSPECTION PLAN FOR CALLAWAY PLANT  
(REPORT 05000483/2017005)

Dear Mr. Diya:

The enclosed inspection plan lists the inspections scheduled through June 30, 2019, for Callaway Plant. The U.S. Nuclear Regulatory Commission (NRC) provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last twelve months of the inspection plan are tentative and may be revised. 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 the plan for security-related inspections, which will be sent via separate, non-publicly available correspondence.

Additionally, as reflected in the enclosure, during this period the NRC staff will complete Temporary Instruction 2515/191, "Inspection of the Implementation of Mitigation Strategies and Spent Fuel Pool Instrumentation Orders and Emergency Preparedness Communication/Staffing/Multi-Unit Dose Assessment Plans." This inspection will be conducted at Callaway Plant to confirm the station's full implementation of Commission Orders EA-12-049 and EA-12-051.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure 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 D Proulx for/***

Nicholas H. Taylor, Branch Chief  
Project Branch B  
Division of Reactor Projects

Docket No. 05000483  
License No. NPF-30

Enclosure:  
Callaway Plant Inspection Plan

UPDATED INSPECTION PLAN FOR CALLAWAY PLANT (Report 05000483/2017005)

**DISTRIBUTION:**

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 By:NHT/dll       Yes     No       Publicly Available       Sensitive

OFFICE	RIV/DRP:SPE	RIV/DRP:C			
NAME	DProulx	NTaylor			
SIGNATURE	<i>/RA/</i>	<i>/RA DProulx for/</i>			
DATE	8/28/17	8/28/17			

OFFICIAL RECORD COPY

**Callaway**  
**Inspection / Activity Plan**  
**07/01/2017 - 06/30/2019**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>EXAM - INIT EXAM</b>		<b>3</b>
1	08/14/2017	08/18/2017	X02591	INITIAL EXAM CALLAWAY (09/2017)	
1	09/11/2017	09/15/2017	X02591	INITIAL EXAM CALLAWAY (09/2017)	
			<b>EB1-21M - CWY COMPONENT DESIGN BASES INSPECTION</b>		<b>6</b>
1	07/17/2017	08/04/2017	IP 7111121M	Design Bases Assurance Inspection (Teams)	
			<b>TI-191 - MITIGATING STRATEGIES/SFP INST FOR BDBEE</b>		<b>4</b>
1	08/28/2017	09/01/2017	IP 2515/191	Inspection of Licensee's Responses to Order EA-12-049, EA-12-051 & EP Info Request March 12, 2012	
			<b>RS 12 PI - RADIATION SAFETY</b>		<b>2</b>
1	10/16/2017	10/20/2017	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	10/16/2017	10/20/2017	IP 71124.02	Occupational ALARA Planning and Controls	
1	10/16/2017	10/20/2017	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	10/16/2017	10/20/2017	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
			<b>71111.08 - INSERVICE INSPECTION RFO22</b>		<b>1</b>
1	10/16/2017	10/27/2017	IP 7111108P	Inservice Inspection Activities - PWR	
			<b>PI&amp;R - BIENNIAL PI&amp;R INSPECTION</b>		<b>4</b>
1	03/26/2018	03/30/2018	IP 71152B	Problem Identification and Resolution	
1	04/09/2018	04/13/2018	IP 71152B	Problem Identification and Resolution	
			<b>EP-1 - EP PROGRAM INSPECTION</b>		<b>1</b>
1	04/23/2018	04/27/2018	IP 7111402	Alert and Notification System Testing	
1	04/23/2018	04/27/2018	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	04/23/2018	04/27/2018	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1	04/23/2018	04/27/2018	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1	04/23/2018	04/27/2018	IP 71151-EP01	Drill/Exercise Performance	
1	04/23/2018	04/27/2018	IP 71151-EP02	ERO Readiness	
1	04/23/2018	04/27/2018	IP 71151-EP03	Alert & Notification System Reliability	
			<b>RS 24 - RAD SAFETY</b>		<b>2</b>
1	05/21/2018	05/25/2018	IP 71124.02	Occupational ALARA Planning and Controls	
1	05/21/2018	05/25/2018	IP 71124.04	Occupational Dose Assessment	
			<b>EB1-17T - CWY 50.59 CHANGES, TESTS, EXPERIMENTS</b>		<b>3</b>
1	08/06/2018	08/10/2018	IP 7111117T	Evaluations of Changes, Tests, and Experiments	
			<b>RS 13PI - RAD SAFETY</b>		<b>2</b>
1	11/05/2018	11/09/2018	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	11/05/2018	11/09/2018	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	

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

**Callaway**  
**Inspection / Activity Plan**  
**07/01/2017 - 06/30/2019**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
<b>RS 13PI - RAD SAFETY</b>					<b>2</b>
1	11/05/2018	11/09/2018	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	11/05/2018	11/09/2018	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
<b>EB1-07T - CALLAWAY HEAT SINK INSPECTION</b>					<b>2</b>
1	03/04/2019	03/08/2019	IP 7111107T	Heat Sink Performance	
<b>RS 12 PI - RP INSPECTION</b>					<b>2</b>
1	04/08/2019	04/12/2019	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	04/08/2019	04/12/2019	IP 71124.02	Occupational ALARA Planning and Controls	
1	04/08/2019	04/12/2019	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	04/08/2019	04/12/2019	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
<b>7111108 - INSERVICE INSPECTION RF23</b>					<b>1</b>
1	04/15/2019	04/26/2019	IP 7111108P	Inservice Inspection Activities - PWR	
<b>EB1-21N - CALLAWAY DBA PROGRAMS EQ INSPECTION</b>					<b>3</b>
1	05/06/2019	05/24/2019	IP 7111121N	Design Bases Assurance Inspection (Programs)	
<b>RS 5678 - RP TEAM INSPECTION</b>					<b>5</b>
1	06/10/2019	06/14/2019	IP 71124.05	Radiation Monitoring Instrumentation	
1	06/10/2019	06/14/2019	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1	06/10/2019	06/14/2019	IP 71124.07	Radiological Environmental Monitoring Program	
1	06/10/2019	06/14/2019	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
<b>BRQ - BRQ INSPECTION</b>					<b>2</b>
1	06/24/2019	06/28/2019	IP 7111111B	Licensed Operator Requalification Program	

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