

# UNITED STATES NUCLEAR REGULATORY COMMISSION

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

September 12, 2016

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

SUBJECT: ERRATA FOR MID-CYCLE ASSESSMENT LETTER FOR CALLAWAY PLANT

(REPORT 05000483/2016005)

Dear Mr. Diya:

It was identified that the enclosed inspection plan in a letter to you dated August 31, 2016 (ML16237A033) was improperly marked. The inspection plan contained the markings of "Official Use Only – Sensitive Internal Information/Security-Related Information", however, the inspection plan did not contain information under that category. The inspection plan that was originally placed into ADAMS has been corrected by striking through the markings. The original Mid-Cycle Assessment Letter and the corrected inspection plan are enclosed. Please note that neither the content of the assessment letter, nor the inspection plan has changed.

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Sincerely,

/RA/

Thomas R. Hipschman, Team Leader Inspection Program and Assessment Team Division of Reactor Safety

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

### Enclosures:

Callaway Plant Inspection/Activity
Plan

2. 2016 Mid-Cycle Assessment Letter (ML16237A033) Page 1 of 2

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## Callaway Inspection / Activity Plan 07/01/2016 - 06/30/2018

Unit		d Dates	I		No. of Staff
Number	Start	End	Inspection Activity	Title	on Site
			BASELINE - PLAN	IT MODS	1
1	01/01/2016	12/31/2016	IP 7111101-Imminent	Adverse Weather (Site/Imminent)	
			EB1-07T - CWY	HEAT SINK PERFORMANCE	1
1	09/26/2016	09/30/2016	IP 7111107T	Heat Sink Performance	
			RS 24 - RADI	ATION SAFETY	3
1	11/07/2016	11/11/2016	IP 71124.02	Occupational ALARA Planning and Controls	
1	11/07/2016	11/11/2016	IP 71124.04	Occupational Dose Assessment	
			EP-1 - EP PI	ERFORMANCE INDICATORS	1
1	11/14/2016	11/18/2016	IP 71151-EP01	Drill/Exercise Performance	
1	11/14/2016	11/18/2016	IP 71151-EP02	ERO Readiness	
1	11/14/2016	11/18/2016	IP 71151-EP03	Alert & Notification System Reliability	
			EP-2 - BIEN	NIAL EP PROGRAM INSPECTION	1
1	11/14/2016	11/18/2016	IP 7111402	Alert and Notification System Testing	
1	11/14/2016	11/18/2016	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	11/14/2016	11/18/2016	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1	11/14/2016	11/18/2016	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
			ISFSI - ROUT	FINE INSPECTION (ONE WEEK IN MONTH)	1
1	02/01/2017	02/28/2017	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
			EXAM - INIT E	EXAM	4
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)	
			RS 5678 - RS TI	EAM	5
1	02/27/2017	03/03/2017	IP 71124.05	Radiation Monitoring Instrumentation	
1	02/27/2017	03/03/2017	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1	02/27/2017	03/03/2017	IP 71124.07	Radiological Environmental Monitoring Program	
1	02/27/2017	03/03/2017	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			EP-2 - BIEN	NIAL EP EXERCISE INSPECTION	4
1	04/24/2017	04/28/2017	IP 7111401	Exercise Evaluation	
1	04/24/2017	04/28/2017	IP 7111404	Emergency Action Level and Emergency Plan Changes	
			EP-3 - EP Pi	ERFORMANCE INDICATOR VERIFICATION	1
1	04/24/2017	04/28/2017	IP 71151-EP01	Drill/Exercise Performance	
1	04/24/2017	04/28/2017	IP 71151-EP02	ERO Readiness	
1	04/24/2017	04/28/2017	IP 71151-EP03	Alert & Notification System Reliability	

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Number	Start	End	Inspection A	ctivity	Title	on Site
			BRQ	- BIENNIA	AL REQUAL INSPECTION	3
1	06/12/2017	06/16/2017	IP 7111111B	I	Licensed Operator Requalification Program	
			EB1-21M	- CWY CO	DMPONENT DESIGN BASES INSPECTION	6
1	07/31/2017	09/01/2017	IP 7111121M		Component Design Bases Inspection (Teams)	
			RS 12 PI	- RADIAT	ION SAFETY	3
1	10/16/2017	10/20/2017	IP 71124.01	1	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-OR	201	Occupational Exposure Control Effectiveness	
1	10/16/2017	10/20/2017	IP 71151-PR	.01 I	RETS/ODCM Radiological Effluent Occurrences	
			71111.08	- INSERV	ICE INSPECTION RFO22	1
1	10/16/2017	10/27/2017	IP 7111108P	I	Inservice Inspection Activities - PWR	
			EP-1	- EP PRO	GRAM INSPECTION	1
1	04/23/2018	04/27/2018	IP 7111402	,	Alert and Notification System Testing	
1	04/23/2018	04/27/2018	IP 7111403	I	Emergency Preparedness Organization Staffing and Augmentation System	
1	04/23/2018	04/27/2018	IP 7111404	I	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-EP0	01 l	Drill/Exercise Performance	
1	04/23/2018	04/27/2018	IP 71151-EP0	02 l	ERO Readiness	
1	04/23/2018	04/27/2018	IP 71151-EP0	03	Alert & Notification System Reliability	



# UNITED STATES NUCLEAR REGULATORY COMMISSION

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

August 31, 2016

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

SUBJECT: MID-CYCLE ASSESSMENT LETTER FOR CALLAWAY PLANT

(REPORT 05000483/2016005)

Dear Mr. Diya:

On August 9, 2016, 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, 2015 through June 30, 2016. 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 Pls 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, 2018. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the second half 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.

In response to the accident at Fukushima, the Commission issued Order EA-12-049, "Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events," and Order EA-12-051, "Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation." The NRC conducted audits of licensee efforts towards compliance with these Orders, and the information gathered will aid staff in development of the ultimate Safety Evaluation for the site. After the NRC staff receives the Final Compliance letter for the site, the Safety Evaluation will be issued. Then, the NRC staff

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will confirm through inspections the full implementation of the orders mentioned above by performing Temporary Instruction 191, "Inspection of the Implementation of Mitigation Strategies and Spent Fuel Pool Instrumentation Orders and Emergency Preparedness Communication/Staffing/Multi-Unit Dose Assessment Plans."

In Staff Requirements Memorandum – SECY 16-0009, "Recommendations Resulting from the Integrated Prioritization and Re-Baselining of Agency Activities," the Commission approved the NRC staff recommendation to discontinue the formal mid-cycle assessment process beginning in calendar year 2017. This will be the final mid-cycle assessment letter. The staff will continue to conduct quarterly assessment meetings and communicate changes in the assessment of licensee performance in accordance with the guidance in Inspection Manual Chapter 0305, "Operating Reactor Assessment Program."

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 will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <a href="http://www.nrc.gov/reading-rm/adams.html">http://www.nrc.gov/reading-rm/adams.html</a> (the Public Electronic Reading Room).

Please contact me at 817-200-1141 with any questions you have regarding this letter.

Sincerely,

/RA/

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

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

Enclosure:

Callaway Plant Inspection/Activity Plan

Page 1 of 2 08/30/2016

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## Callaway

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

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/RA/

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

Enclosure:

Callaway Plant Inspection/Activity Plan

DISTRIBUTION: See next page

#### ADAMS ACCESSION NUMBER: ML16237A033

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By:		■ Yes □ No	□ Non-Publicly Available		□ Sensitive	NRC-002
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NAME	DProulx	AVegel	TWPruett NTaylor			
SIGNATURE /RA/		/RA Jeff Clark for/	/RA/ /RA/			
DATE 8/22/16		8/22/16	8/23/16 8/23/16			

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Letter to Fadi Diva from Nicholas H. Taylor dated August 31, 2016

SUBJECT: MID-CYCLE ASSESSMENT LETTER FOR CALLAWAY PLANT

(REPORT 05000483/2016005)

#### **DISTRIBUTION:**

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#### /RA/

Thomas R. Hipschman, Team Leader Inspection Program and Assessment Team Division of Reactor Safety

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

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  Plan
- 2. 2016 Mid-Cycle Assessment Letter (ML16237A033)

## **DISTRIBUTION**:

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ADAMS ACCESSION NUMBER: ML16256A288 /PACKAGE: ML16256A277

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OFFICE	TL: IPAT							
NAME	NAME THipschman							
SIGNATURE /RA/						•		
DATE 9/12/16								

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