



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

August 30, 2019

Mr. Fadi Diya, Senior Vice President  
and Chief Nuclear Officer  
Ameren Missouri  
Callaway Plant  
8315 County Road 459  
Steedman, MO 65077

SUBJECT: UPDATED INSPECTION PLAN FOR CALLAWAY PLANT UNIT 1, REPORT  
05000483/2019005

Dear Mr. Diya:

The enclosed inspection plan lists the inspections scheduled through June 30, 2021, for the 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. You should be aware that the agency is pursuing potential changes to the Reactor Oversight Process (ROP), including changes to engineering inspections (SECY-18-0113, "Recommendations for Modifying the Reactor Oversight Process Engineering Inspections"), and other changes to the baseline inspection program described in SECY-19-0067, "Recommendations for Enhancing the Reactor Oversight Process." Should these changes to the ROP be implemented, the engineering and other region-based inspections are subject to change in scope, as well as schedule, beginning in January 2020. The inspections listed during the last 12 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.

In accordance with Title 10 of the *Code of Federal Regulations* (CFR) 2.390 of the NRC's, "Agency Rules of Practice and Procedure," 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 F. O'Keefe, Chief  
Project Branch B  
Division of Reactor Projects

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

Enclosure:  
Inspection Plan

UPDATED INSPECTION PLAN FOR CALLAWAY PLANT UNIT 1, REPORT  
05000483/2019005 - DATED AUGUST 30, 2019

**DISTRIBUTION:**

SMorris, RA  
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JMelfi, DRP  
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CMiller, NRR/DIRS  
GBowman, NRR/DIRS  
SWalker, NRR/DIRS  
CErlanger, NRR/DORL  
JHeisserer, NRR/DORL  
MScott, NSIR/DPR  
MBailey, NSIR/DSO  
DRP Branch Chiefs  
DRS Branch Chiefs  
ROP Reports Resource  
ROP Assessment Resource

DOCUMENT NAME: CWY 2019005 MidCycle

ADAMS ACCESSION NUMBER: ML19234A212

☒ SUNSI Review      ADAMS:      ☐ Non-Publicly Available      ☒ Non-Sensitive      Keyword:  
By: **JFM**      ☒ Yes    ☐ No      ☒ Publicly Available      ☐ Sensitive      NRC-002

OFFICE	PBB:PE	PBB:SPE	PBB:C			
NAME	JMelfi	BTharakan	NOKeefe			
SIGNATURE	/RA/	/RA/	/RA/			
DATE	08/26/19	08/26/19	08/30/19			

**OFFICIAL RECORD COPY**

# IP 22 Inspection Activity Plan Report

## Callaway

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>Fire Protection Inspection - CWY</b>						0
1	07/14/2019	07/20/2019	IP 71111.05XT	000697	Fire Protection - NFPA 805	
1	07/28/2019	08/03/2019	IP 71111.05XT	000697	Fire Protection - NFPA 805	
<b>CW 2019 BRQ</b>						2
1	07/28/2019	08/03/2019	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
<b>EP EXERCISE AND PI INSPECTION</b>						4
1	08/12/2019	08/16/2019	IP 71114.01	000716	Exercise Evaluation	
1	08/12/2019	08/16/2019	IP 71151	001397	Performance Indicator Verification	
<b>Cyber Security Inspection - CWY</b>						4
1	09/22/2019	09/28/2019	IP 71130.10P	000741	Cyber Security	
1	10/06/2019	10/12/2019	IP 71130.10P	000741	Cyber Security	
<b>CALLAWAY DBA PROGRAMS EQ INSPECTION</b>						3
1	10/21/2019	10/25/2019	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
1	11/04/2019	11/08/2019	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
<b>Callaway - Design Bases Assurance Inspection (Teams)</b>						6
1	03/02/2020	03/20/2020	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
<b>Security Access Control .02</b>						1
1	03/09/2020	03/13/2020	IP 71130.02	000734	Access Control	
1	03/09/2020	03/13/2020	IP 71151	001338	Performance Indicator Verification	
<b>BIENNIAL PI&amp;R</b>						4
1	04/20/2020	04/24/2020	IP 71152B	000747	Problem Identification and Resolution	
1	05/04/2020	05/08/2020	IP 71152B	000747	Problem Identification and Resolution	
<b>RS24 Radiation Safety</b>						2
1	05/18/2020	05/22/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	05/18/2020	05/22/2020	IP 71124.04	000728	Occupational Dose Assessment	
<b>CW 2020 INITIAL EXAM</b>						4
1	07/26/2020	08/01/2020	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1	08/30/2020	09/05/2020	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	

This report does not include INPO and OUTAGE activities.

This report shows only on-site and announced inspection procedures.

# IP 22 Inspection Activity Plan Report

## Callaway

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>CW 2020 INITIAL EXAM</b>						4
1	09/06/2020	09/12/2020	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
<b>Security Equipment .04 and Training .07</b>						2
1	09/21/2020	09/25/2020	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1	09/21/2020	09/25/2020	IP 71130.07	000739	Security Training	
<b>Inservice Inspection RF24 - CWY</b>						1
1	10/12/2020	10/23/2020	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
<b>RS12PI Radiation Safety</b>						2
1	10/19/2020	10/23/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	10/19/2020	10/23/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
<b>Security FFD .08</b>						1
1	05/03/2021	05/07/2021	IP 71130.08	000740	Fitness For Duty Program	
<b>RP 5,6,7,8 PS Team</b>						5
1	06/14/2021	06/18/2021	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1	06/14/2021	06/18/2021	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1	06/14/2021	06/18/2021	IP 71124.07	000731	Radiological Environmental Monitoring Program	
1	06/14/2021	06/18/2021	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
<b>MCA - Material Control &amp; Accounting</b>						1
1	06/14/2021	06/18/2021	IP 71130.11	000742	Material Control and Accounting (MC&A)	
<b>CW 2021 BRQ</b>						2
1	06/20/2021	06/26/2021	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
<b>50.59 Inspection 17T - Callaway</b>						3
1	06/21/2021	06/25/2021	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	