



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

August 22, 2022

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

SUBJECT: UPDATED INSPECTION PLAN FOR CALLAWAY PLANT (REPORT
05000483/2022005)

Dear Mr. Diya:

The enclosed inspection plan lists the inspections scheduled through June 30, 2024, for the Callaway Plant. The 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.

Beginning on January 1, 2023, the engineering inspection frequency will transition from a triennial (3-year) to a quadrennial (4-year) cycle. The new engineering inspection program will consist of a "Comprehensive Engineering Team Inspection (CETI)"¹ and three "Focused Engineering Inspections (FEIs)" that will be performed in each quadrennial cycle. For the cycle beginning in 2023, the FEIs will be: "Fire Protection Team Inspection," "Commercial Grade Dedication" and an engineering inspection that reviews age-related degradation and management².

In response to the COVID-19 public health emergency (PHE), the NRC adjusted inspection plans and schedules in order to safeguard the health and safety of both NRC and licensee staff while still effectively implementing the ROP. While the PHE continues, overall conditions throughout the country support performance of our inspection and oversight activities to return

¹ Aspects of the Design Basis Assurance Inspection (DBAI), Evaluations of Changes, Tests, & Experiments, and Heat Sink inspections will be included in the CETI inspection. Attached Report 22 will reference DBAI procedure until the CETI procedure is made publicly available. Previously scheduled Evaluation of Changes, Tests, & Experiments and Heat Sink inspections have been cancelled and removed from attached Report 22.

² The age-related degradation and management procedure is under development and will be publicly available by the end of calendar year 2022.

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to normal onsite presence by our resident and region-based inspectors and completion of nominal baseline inspection samples. We continue to monitor site-specific conditions and as discussed in our November 2, 2021 memo, "Implementation of Inspection Programs Following Reentry from the PHE for the Reactor Safety Program" (ML21295A302), it may be necessary to alter how and when we perform our inspection and oversight activities as we balance the importance of protecting the health and safety of our staff with the need to conduct effective oversight that supports the NRC's critical safety mission.

For inspections requiring extensive coordination with offsite organizations, such as evaluated emergency preparedness exercises, NRC guidance and frequently asked questions for security and emergency preparedness can be found here: <https://www.nrc.gov/about-nrc/covid-19/security-ep/>. Similarly, the NRC has developed guidance if force-on-force inspections cannot be completed as scheduled due to an emergency, such as the COVID-19 PHE. These changes help ensure the health and safety of both NRC and licensee staff while maintaining the NRC's important safety and security mission during the COVID-19 PHE. The attached inspection plan is accurate on the date of issuance but remains subject to change based on approval of potential exemption requests or other changes needed due to changing conditions in the COVID-19 PHE. NRC staff will contact your appropriate regulatory affairs staff in order to coordinate inspection planning and scheduling.

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 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). [Note: Verify the Web site works, and update it, if necessary.]

Please contact me at (817) 200-1143 with any questions you have regarding this letter.

Sincerely,



Signed by Werner, Gregory
on 08/22/22

Gregory E. Werner, Chief
Projects Branch B
Division of Operating Reactor Safety

Docket No. 05000483
License No. NPF-30

Enclosure:
Inspection Plan

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UPDATED INSPECTION PLAN FOR CALLAWAY PLANT 05000483/2022005 DATED
AUGUST 22, 2022

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ROP Reports
ROP Assessment

ADAMS ACCESSION NUMBER: **ML22230A221**

SUNSI Review ADAMS: Non-Publicly Available Non-Sensitive Keyword:
By: GEW Yes No Publicly Available Sensitive NRC-002

OFFICE	PE:DORS/B	BC:DORS/B			
NAME	JMelfi /RA/	GWerner GEW			
DATE	08/22/2022	08/22/2022			

OFFICIAL RECORD COPY

Site Inspection Activity Plan

Callaway

07/01/2022 - 06/30/2024

Unit	Start	End	Activity	CAC	Title	Staff Count
Fire Protection Inspection - CWY						3
1	7/11/2022	7/15/2022	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
Security Access Control .02						1
1	7/11/2022	7/15/2022	IP 71130.02	000734	Access Control	
1	7/11/2022	7/15/2022	IP 71130.09	001656	Security Plan Changes	
1	7/11/2022	7/15/2022	IP 71151	001338	Performance Indicator Verification	
Callaway Biennial PI&R						4
1	8/15/2022	8/19/2022	IP 71152B	000747	Problem Identification and Resolution	
1	8/29/2022	9/2/2022	IP 71152B	000747	Problem Identification and Resolution	
Security Training/Equip Maint .07 and .04						2
1	9/12/2022	9/16/2022	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1	9/12/2022	9/16/2022	IP 71130.07	000739	Security Training	
Power-Operated Valves Inspection - 21N - Callaway						3
1	10/17/2022	11/4/2022	IP 71111.21N.02	001645	Design-Basis Capability of Power-Operated Valves Under 10 CFR 50.55a Requirements	
EP 2022 Program & PI Inspection - CWY						2
1	11/28/2022	12/2/2022	IP 71114.02	000717	Alert and Notification System Testing	
1	11/28/2022	12/2/2022	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1	11/28/2022	12/2/2022	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1	11/28/2022	12/2/2022	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1	11/28/2022	12/2/2022	IP 71151	001397	Performance Indicator Verification	
Security Access Authorization .01 and Access Control .02 + PIV + Plan Change .09						2
1	3/6/2023	3/10/2023	IP 71130.01	000733	Access Authorization	
1	3/6/2023	3/10/2023	IP 71130.02	000734	Access Control	
1	3/6/2023	3/10/2023	IP 71130.09	001656	Security Plan Changes	
1	3/6/2023	3/10/2023	IP 71151	001338	Performance Indicator Verification	
EP Exercise & PI Inspection (2023) - CWY						4
1	4/17/2023	4/21/2023	IP 71114.01	000716	Exercise Evaluation	
1	4/17/2023	4/21/2023	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1	4/17/2023	4/21/2023	IP 71151	001397	Performance Indicator Verification	
Comprehensive Engineering Team Inspection - 21M - Callaway						7
1	5/8/2023	5/12/2023	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
1	5/22/2023	5/26/2023	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
FORCE-ON-FORCE PLANNING AND EXERCISE - CWY						4

Site Inspection Activity Plan

1	5/15/2023	5/19/2023	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1	6/5/2023	6/9/2023	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
CW 2023 BRQ						3
1	5/21/2023	5/27/2023	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
RP 5,8 -						2
1	6/12/2023	6/16/2023	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1	6/12/2023	6/16/2023	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation	
Security FFD .08						1
1	8/14/2023	8/18/2023	IP 71130.08	000740	Fitness For Duty Program	
CW 2023 INITIAL EXAM						5
1	8/6/2023	8/12/2023	OV	000956	FB-OR-ONSITE VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1	9/10/2023	9/16/2023	EXAD	000500	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
RP 1,4,PI -						2
1	10/2/2023	10/6/2023	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	10/2/2023	10/6/2023	IP 71124.04	000728	Occupational Dose Assessment	
1	10/2/2023	10/6/2023	IP 71151	000746	Performance Indicator Verification	
License Renewal Inspection 71003 (Phase 1) - CWY						2
1	10/9/2023	10/13/2023	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
Inservice Inspection - CWY						1
1	10/9/2023	10/20/2023	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
RP 1,4,PI						2
1	3/11/2024	3/15/2024	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	3/11/2024	3/15/2024	IP 71124.04	000728	Occupational Dose Assessment	
1	3/11/2024	3/15/2024	IP 71151	000746	Performance Indicator Verification	
Cyber Security - CWY						4
1	3/25/2024	3/29/2024	IP 71130.10	000741	Cybersecurity	
CWY 2024 PI&R Inspection						4
1	4/8/2024	4/26/2024	IP 71152B	000747	Problem Identification and Resolution	
License Renewal 71003 - CWY (Phase 2)						2
1	6/10/2024	6/14/2024	IP 71003	000687	Post-Approval Site Inspection for License Renewal	