



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

August 31, 2018

Mr. Fadi Diya, Senior Vice President
and Chief Nuclear Officer
Ameren Missouri
Callaway Plant
P.O. Box 620
Fulton, MO 65251

SUBJECT: UPDATED INSPECTION PLAN FOR CALLAWAY PLANT, UNIT 1
(REPORT 05000483/2018005)

Dear Mr. Diya:

The enclosed inspection plan lists the inspections scheduled through June 30, 2020, for Callaway Plant, Unit 1. 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.

Additionally, as reflected in the enclosure, during this period the NRC staff will complete Temporary Instruction 2515/194, "Inspection of the Licensee's Implementation of Industry Initiative Associated with the Open Phase Condition Design Vulnerabilities in Electric Power Systems (NRC Bulletin 2012-01)."

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).

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

Sincerely,

/RA/

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

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

Enclosure: Inspection Plan

IP 22 Inspection Activity Plan Report

Callaway

08/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
LOADING INSPECTION (ONE WEEK IN MONTH)						1
1	08/01/2018	08/30/2018	IP 60855.1	000590	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
CWY 50.59 CHANGES, TESTS, EXPERIMENTS						3
1	08/06/2018	08/10/2018	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
SECURITY TEAM INSPECTION						2
1	08/20/2018	10/05/2018	IP 71130.14	000743	Review of Power Reactor Target Sets	
1	08/27/2018	08/31/2018	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1	08/27/2018	08/31/2018	IP 71130.07	000739	Security Training	
TI 2515/194						2
1	09/10/2018	09/14/2018	TI 2515/194	000512	Inspection of the Licensee's Implementation of Industry Initiative Associated With the Open Phase Condition Design Vulnerabilities In Electric Power Systems (NRC Bulletin 2012-01)	
RAD SAFETY 1,3						2
1	11/05/2018	11/09/2018	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	11/05/2018	11/09/2018	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
MAT'L CONTROL & ACCOUNTING						1
1	11/05/2018	11/09/2018	IP 71130.11	000742	Material Control and Accounting (MC&A)	
INITIAL EXAM						4
1	02/03/2019	02/09/2019	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1	03/03/2019	03/09/2019	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
CALLAWAY HEAT SINK INSPECTION						2
1	03/04/2019	03/08/2019	IP 71111.07T	000700	Heat Sink Performance -Triennial	
Security Access Control .02						1
1	03/18/2019	03/22/2019	IP 71130.02	000734	Access Control	
1	03/18/2019	03/22/2019	IP 71151	001338	Performance Indicator Verification	
RP INSPECTION (1,2) - RFO						2
1	04/08/2019	04/12/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	04/08/2019	04/12/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	

Enclosure

This report does not include INPO and OUTAGE activities.

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

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IP 22 Inspection Activity Plan Report

Callaway

08/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
INSERVICE INSPECTION RF23						1
1	04/15/2019	04/26/2019	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
RP TEAM INSPECTION						4
1	06/10/2019	06/14/2019	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1	06/10/2019	06/14/2019	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1	06/10/2019	06/14/2019	IP 71124.07	000731	Radiological Environmental Monitoring Program	
1	06/10/2019	06/14/2019	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
BRQ						3
1	06/23/2019	06/29/2019	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance (Biennial)	
TRIENNIAL FIRE PROTECTION INSPECTION						4
1	07/15/2019	07/19/2019	IP 71111.05XT	000697	Fire Protection - NFPA 805 (Triennial)	
1	07/29/2019	08/02/2019	IP 71111.05XT	000697	Fire Protection - NFPA 805 (Triennial)	
Security Protective Strategy .05						2
1	07/22/2019	07/26/2019	IP 71130.05	000737	Protective Strategy Evaluation	
CALLAWAY DBA PROGRAMS EQ INSPECTION						3
1	08/12/2019	08/30/2019	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
EP EXERCISE AND PI INSPECTION						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	
CYBER SECURITY INSPECTION						4
1	09/23/2019	09/27/2019	IP 71130.10P	000741	Cyber Security	
1	10/07/2019	10/11/2019	IP 71130.10P	000741	Cyber Security	
Callaway - Design Bases Assurance Inspection (Teams)						6
1	03/02/2020	03/06/2020	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
1	03/16/2020	03/20/2020	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	

IP 22 Inspection Activity Plan Report

Callaway

08/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
BIENNIAL PI&R						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	
FORCE-ON-FORCE PLANNING AND EXERCISE WEEKS						7
1	05/11/2020	05/15/2020	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1	06/01/2020	06/05/2020	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
RS24 Radiation Safety						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	000729	Occupational Dose Assessment	

UPDATED INSPECTION PLAN FOR CALLAWAY PLANT, UNIT 1
(REPORT 05000483/2018005) - August 31, 2018

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 By: NTaylor ☒ Yes ☐ No ☒ Publicly Available ☐ Sensitive NRC-002

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NAME	NTaylor					
SIGNATURE	/RA/					
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