



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

October 25, 2021

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

SUBJECT: CALLAWAY PLANT – SECURITY BASELINE INSPECTION REPORT  
05000483/2021402


Dear Mr. Diya:

On October 8, 2021, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Callaway Plant. On October 7, 2021, the NRC inspectors discussed the results of this inspection with Mr. Barry Cox, Site Vice President, and other members of your staff. The results of this inspection are documented in the enclosed report.

No findings or violations of more than minor significance were identified during this inspection.

This letter, its enclosure, and your response (if any) will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with Title 10 of the *Code of Federal Regulations* 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

 Signed by Kellar, Ray  
on 10/25/21

Ray L. Kellar, P.E., Chief  
Plant Support Branch 1  
Division of Reactor Safety

Docket No. 05000483  
License No. NPF-30

Enclosure:  
As stated

cc w/ encl: Distribution via LISTSERV®

CALLAWAY PLANT – SECURITY BASELINE INSPECTION REPORT 05000483/2021402 – DATED OCTOBER 25, 2021

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 By: RLK       Yes    No       Publicly Available       Sensitive      NRC-002

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DATE	10/21/2021	10/22/2021	10/25/2021	10/25/2021	10/25/2021

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**U.S. NUCLEAR REGULATORY COMMISSION  
Inspection Report**

Docket Number: 05000483

License Number: NPF-30

Report Number: 05000483/2021402

Enterprise Identifier: I-2021-402-0003

Licensee: Ameren Missouri

Facility: Callaway Plant

Location: Steedman, Missouri

Inspection Dates: October 4, 2021 to October 7, 2021

Inspectors: C. Jewett, Physical Security Inspector  
A. Meyen, Physical Security Inspector

Approved By: Ray L. Kellar, P.E., Chief  
Plant Support Branch 1  
Division of Reactor Safety

Enclosure

## **SUMMARY**

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting a security baseline inspection at Callaway Plant, in accordance with the Reactor Oversight Process. The Reactor Oversight Process is the NRC's program for overseeing the safe operation of commercial nuclear power reactors. Refer to <https://www.nrc.gov/reactors/operating/oversight.html> for more information.

### **List of Findings and Violations**

No findings or violations of more than minor significance were identified.

### **Additional Tracking Items**

None.

## **INSPECTION SCOPES**

Unless otherwise noted, baseline security inspections were conducted in accordance with the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter 2201, "Security Inspection Program for Commercial Nuclear Power Reactors." The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel to assess licensee performance and compliance with Commission rules and regulations, license conditions, site procedures, and standards. Publicly available IPs are located at: <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>.

Starting on March 20, 2020, in response to the National Emergency declared by the President of the United States on the public health risks of the coronavirus (COVID-19), inspectors were directed to begin telework. In addition, regional baseline inspections were evaluated to determine if all or a portion of the objectives and requirements stated in the IP could be performed remotely. If the inspections could be performed remotely, they were conducted per the applicable IP. In some cases, portions of an IP were completed remotely and on site. The inspections documented below met the objectives and requirements for completion of the IP.

## **SAFEGUARDS**

### 71130.01 - Access Authorization

The inspectors evaluated the access authorization program. The following elements were evaluated:

#### Access Authorization (1 Sample)

- (1)
  - Tier I: All Requirements
  - Tier II: All Requirements
  - Tier III: All Requirements

### 71130.02 - Access Control

The inspectors evaluated the access control program through completion of the following inspection elements:

#### Access Control (1 Sample)

- (1)
  - Tier I: All Requirements
  - Tier II: All Requirements
  - Tier III: All Requirements

### 71130.09 - Security Plan Changes

The inspectors evaluated the security plan changes through completion of the following procedure elements:

Review Security Plan Changes (IP Section 02.01) (1 Partial)

(1) (Partial)

The opportunity to apply this procedure was not available in accordance with Inspection Manual Chapter 0306. This sample was not available because the licensee did not conduct the activity covered by this IP. Specifically, the licensee has not initiated a physical security plan change in accordance with Title 10 of the *Code of Federal Regulations* 50.54(p)(2) since the implementation of this IP.

**OTHER ACTIVITIES – BASELINE**

71151 - Performance Indicator Verification

The inspectors verified licensee performance indicators submittals listed below:

PP01: Protected Area Security Equipment Performance Index Sample (IP Section 02.17)  
(1 Sample)

(1) January 1, 2020 through August 31, 2021

**INSPECTION RESULTS**

No findings were identified.

**EXIT MEETINGS AND DEBRIEFS**

The inspectors verified no proprietary information was retained or documented in this report.

- On October 7, 2021, the inspectors presented the security baseline inspection results to Mr. Barry Cox, Site Vice President, and other members of the licensee staff.

**DOCUMENTS REVIEWED**

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.01	Corrective Action Documents	201703357		
		201703393		
		201703394		
		201703397		
		201704968		
		201800411		
		201801086		
		201801314		
		201801508		
		201802778		
71130.01	Miscellaneous	201901102		
		201904203		
		202003035		
		202003150		
		202003207		
		202004642		
		202106838		
		202104105		
		SELRs	Security Event Logs 02/21 - 09/21	
		Procedures	APA-ZZ-00902	Personnel Additions, Changes, Terminations, and Access Withdrawal
APA-ZZ-00906	Behavior Observation Techniques		03	
APA-ZZ-00907	Approval Authority for Unescorted Access Authorization		36	
SDP-SF-00050	Evaluation of Background Investigation Data for Unescorted Access Authorization			
XDP-AC-00002	Administration of Psychological Evaluations			
Self-Assessments	SP21004	AA/FFD Biennial Review Surveillance Report	08/12/2021	
71130.02	Corrective Action Documents	202002809, 202003313, 202006318, 202103387		

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
	Corrective Action Documents Resulting from Inspection	202105610, 202105611		
	Procedures	APA-ZZ-00204	Safeguards Information	047
		APA-ZZ-1105	Site Access	048
		SDP-PI-AR/PO	Armed Responder/Patrol Officer	031
		SDP-PI-BADGE	MAF Badging	023
		SDP-PI-DOORS	Posting Portals/Barriers	017
		SDP-PI-ESCORT	Vehicle Escort	001
		SDP-PI-KIS01	Key Issue Station	018
		SDP-PI-MAFST	MAF Search Train	028
		SDP-PI-SP/VB	Sally Port/Vehicle Barrier Checkpoint	004
		SDP-PI-STORE	Storeroom Officer	026
	SDP-PI-VEHAC	Vehicle Access/Control	048	
	Self-Assessments		NRC Security Baseline Inspection Readiness Assessment Checklist, IP 71130.02	08/23/2021