



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

October 9, 2018

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

SUBJECT: CALLAWAY PLANT - NRC SECURITY INSPECTION
REPORT 05000483/2018404

Dear Mr. Diya:

On September 5, 2018, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection at your Callaway Plant. The NRC inspectors discussed the results of this inspection with Mr. T. Herrmann, Site Vice President, and other members of your staff. The results of this inspection are documented in the enclosed report.

The NRC inspectors did not identify any finding or violation of more than minor significance.

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 10 CFR 2.390, "Public Inspections, Exemptions, Requests for Withholding."

If you choose to provide a response to this report that contains Security-Related Information, please mark your entire response "Security-Related Information – Withhold from Public Disclosure Under 10 CFR 2.390" (d)(1) and follow the instructions for withholding in 10 CFR 2.390(b)(1).

Sincerely,

/RA/

David A. Holman, Chief
Plant Support Branch 1
Division of Reactor Safety

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

Enclosure:
NRC Inspection Report 05000483/2018404

cc: Electronic Distribution

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

Docket Number: 05000483

License Number: NPF-30

Report Number: 05000483/2018404

Enterprise Identifier: I-2018-404-0008

Licensee: Union Electric Company

Facility: Callaway Plant

Location: Steedman, Missouri

Inspection Dates: August 27, 2018 to September 5, 2018

Inspectors: J. Larsen, Senior Physical Security Inspector
A. Meyen, Physical Security Inspector
D. Bradley, Senior Resident Inspector

Approved By: David A. Holman, 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 Baseline Security Inspection at the Columbia Generating Station, 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 were identified.

INSPECTION SCOPES

Inspections were conducted using the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection unless otherwise noted. 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.

71130.04 – Equipment Performance, Testing, and Maintenance (1 Sample)

The inspectors evaluated the security equipment performance, testing and maintenance program. The following elements were evaluated:

- Tier I: all requirements
- Tier II: all requirements
- Tier III: all requirements

71130.07 – Security Training (1 Sample)

The inspectors evaluated the security training program. The following elements were evaluated:

- Tier I: all requirements
- Tier II: all requirements
- Tier III: all requirements

71130.14 – Power Reactor Target Sets (1 Sample)

The inspectors evaluated the power reactor target set program. The following elements were evaluated:

- All requirements

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

On August 30, 2018, the inspectors presented the Baseline Security inspection results for the Equipment, Testing and Maintenance and Security Training procedures, to Mr. T. Hermann, Site Vice President, and other members of the licensee staff. Additionally, on September 5, 2018, the Power Reactor Target Set inspection results were presented to Mr. F. Bianco, Senior Director, Nuclear Operations and other members of the licensee staff. The inspectors verified no proprietary information was retained or documented in this report.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation		Description or Title		Revision or Date	
71130.04	Procedure	EIP-ZZ-SK001		Response to Security Events		13	
		ISL-SK-00001		Security Tamper Switch Surveillance Test		21	
		OTS-UB-00001		Security Diesel Generator Operability Test		19	
		OTS-UB-00002		Security Diesel Generator Load Test		12	
		SDP-PI-DOORS		Posting Portal/Barriers		16	
		CA2956		Emergent Impact Evaluation		0	
		Job 16500822.910		Inverter/UPS Preventive Maintenance			
		Job 16003805		Card Reader Replacement Testing			
		Job 16514940		Winter Tamper Testing Result			
		Job 17508320		Summer Tamper Testing Result			
		Certificates		Armorer (Handgun & Rifle)			
		Checklist		ES4 Explosive Detector Operational/Performance Test			
		S130.0001		Alarm Tests			
		S130.0002		Detection Rate Test for Metal Detectors			
		Operator Aid		Power Supply Inspection			
		Test		Security Diesel Generator May 2018			
		Survey		Lighting Exception Aug 2018			
	Condition Report		201701130	201701964	201702323	201707227	201707703
			201800833	201800841	201802939	201803435	201803480
			201803872	201803899	201803915		
71130.07	Procedure	SDP-SF-00013		Administration of Security Training		21	
		SDP-SF-00023		Security Training Qualification and Examinations		22	
		SDP-SF-00024		Security Drills		14	
		SDP-PI-SATPR		Systematic Approach to Training		1	
	Security Critical Task Training Material	CT-1		Perform Critical Administrative Item			
		CT-8		Conduct Security Patrols/Tampering			
		CT-16		Determine Amount of Force Required to Prevent an Unauthorized Act			
		CT-22		Comply With Physical Fitness Performance Requirements			
		CT-24		Perform Nonlethal Defense Measures			
		CT-27		Daytime Rifle Qualification			
		CT-27		Rifle Night Fire Qualification			
	Courses of Fire	CT-25		Handgun Daytime Qualification			
		CT-25		Handgun Night-low Light Qualification			
		CT-25/27		Tactical Course Qualification			
	Audit						

Inspection Procedure	Type	Designation	Description or Title				Revision or Date
		CT-27		Thermal Scope/Rifle Qualification			6/27/2018
		AP18005		Nuclear Oversight Audit of Security			
	Condition Report	201804305	201804308	201804363	201804383	201607693	
71130.14	Procedure	SDP-SF-00026		Security Target Sets			12
	Condition Report	201307330	201208057	201506915	201607250		
		201705551	201804151	201804332	201804364		

CALLAWAY PLANT – NRC SECURITY INSPECTION REPORT 05000483/2018404 –
 DATED OCTOBER 9, 2018

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ADAMS ACCESSION NUMBER: ML18283A061

Entire Report: ADAMS: Non-Publicly Available Non-Sensitive Keyword:
X SUNSI Review By: JRL Yes No Publicly Available NRC-002

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