



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

October 20, 2022

Joseph Sullivan
Site Vice President
Entergy Operations, Inc.
N-TSB-58
1448 S.R. 333
Russellville, AR 72802-0967

SUBJECT: ARKANSAS NUCLEAR ONE SECURITY BASELINE INSPECTION REPORT
05000313/2022401 AND 05000368/2022401

Dear Mr. Sullivan:

On September 29, 2022, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Arkansas Nuclear One. The NRC inspector discussed the results of this inspection with Mr. R. Keele, Manager, Regulatory Assurance, 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 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,

A handwritten signature in cursive script that reads "Ray Kellar".

Signed by Kellar, Ray
on 10/20/22

Ray L. Kellar, P.E., Chief
Physical Security Branch
Division of Radiological Safety & Security

Docket Nos. 05000313, 05000368
License Nos. DPR-51, NPF-6

Enclosure:
As stated

cc w/o encl: Distribution via LISTSERV®

ARKANSAS NUCLEAR ONE SECURITY BASELINE INSPECTION REPORT
05000313/2022401 AND 05000368/2022401 DATED OCTOBER 20, 2022.

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DOCUMENT NAME: ARKANSAS NUCLEAR ONE SECURITY BASELINE INSPECTION
REPORT 05000313/2022401 AND 05000368/2022401

ADAMS ACCESSION NUMBER: **ML22292A259**

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U.S. NUCLEAR REGULATORY COMMISSION
Inspection Report

Docket Numbers: 05000313 and 05000368

License Numbers: DPR-51 and NPF-6

Report Numbers: 05000313/2022401 and 05000368/2022401

Enterprise Identifier: I-2022-401-0010

Licensee: Entergy Operations, Inc.

Facility: Arkansas Nuclear One

Location: Russellville, AR

Inspection Dates: September 12, 2022, through September 29, 2022

Inspectors: R. Bywater, Senior Resident Inspector
D. Holman, Senior Physical Security Inspector

Approved By: Ray L. Kellar, P.E., Chief
Physical Security Branch
Division of Radiological Safety & Security

Enclosure

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting a security baseline inspection at Arkansas Nuclear One, 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

Inspections were conducted using the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection unless otherwise noted. Currently approved IPs with their attached revision histories are located on the public website at <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter (IMC) 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.

SAFEGUARDS

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:

Security Plan Changes (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 10 CFR 50.54(p)(2) since the implementation of this IP and Physical Security Plan Revision 16 remains current.

71130.14 - Review of Power Reactor Target Sets

The inspectors evaluated the Security Target Set Program. The following elements were evaluated:

Review of Power Reactor Target Sets (1 Sample)

- (1) 02.01, 02.02 (a-f), 02.03, 02.04 (a-b), 02.05

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)

The inspector verified licensee performance indicator submittals listed below for the Protected Area Security Equipment Performance Index.

(1) October 1, 2021, through June 30, 2022.

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

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

- On September 15, 2022, the inspector presented the security Access Controls inspection results to Mr. B. Patrick, Director Regulatory & Performance Improvement, and other members of the licensee staff.
- On September 29, the inspector presented the security Review of Power Reactor Target Sets inspection results to Mr. R. Keele, Manager, Regulatory Assurance, and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.02	Corrective Action Documents	C-2022-01137, C-2022-00932, 2-2022-00106, C-2021-02864, C-2021-02751, C-2021-02662, 1-2021-02496, C-2021-02257, C-2021-01947, C-2021-01796, C-2021-01746, C-2021-01206, C-2021-01171	Condition Report	
	Corrective Action Documents Resulting from Inspection	C-2022-02638, C-2022-02634, C-2022-02633, C-2022-02632, C-2022-02631, C-2022-02630, C-2022-02629, C-2022-02628, C-2022-02627, C-2022-02626, C-2022-02625, C-2022-02624, C-2022-02623, C-2022-02622, C-2022-02619	Condition Report	
	Miscellaneous	ANOSF-016-06	GEMINI 100100 X-RAY TEST	Revision 0
		No. 83-21	Generic Letter	05/11/1983
	Procedures	EN-NS-231	Protected Area Search	Revision 03
		EN-NS-232	General Employee Security Responsibilities	Revision 02

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		EN-NS-236	Warehouse Material Search	Revision 0
		EN-NS-237	Lock and Key	Revision 0
		EN-WM-100	Work Request Generation, Screening and Classification	Revision 18
		OP-1043.002	Access Control	Revision 098
		OP-1043.016	Operational Test of Access Control Equipment	Revision 036
71130.14	Corrective Action Documents	CR-ALO-2022-0041		
		CR-ANO-C-2019-03045		
		CR-ANO-C-2019-04790		
		CR-ANO-C-2022-00215		
		CR-WTANO-2020-0002		
	Corrective Action Documents Resulting from Inspection	CR-ANO-C-2022-02752		
		CR-ANO-C-2022-02753		
		CR-ANO-C-2022-02754		
	Miscellaneous		Target Set Panel Meeting Minutes	08/15/2022
	Procedures	ANOSF-014-01	Protected Area Patrol (Reference-Use)	1
		ANOSF-014-02	Turbine Building Patrol (Reference Use)	2
		EN-NS-306	Development and Maintenance of Target Sets	007
		OP-1043.049	Target Sets	12
		OP-1203.048	Security Event	040
	Self-Assessments	LO-ALO-2022-00041	IP 71130.14 Review of Power Reactor Target Sets	05/31/2022