



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION IV
1600 EAST LAMAR BOULEVARD
ARLINGTON, TEXAS 76011-4511

February 23, 2022

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

SUBJECT: ARKANSAS NUCLEAR ONE, Units 1 and 2 – SECURITY BASELINE
INSPECTION REPORT 05000313/2022403 AND 05000368/2022403

Dear Mr. Sullivan:

On January 27, 2022, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Arkansas Nuclear One, and the NRC inspectors discussed the results of this inspection with you 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,

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

Signed by Kellar, Ray
on 02/23/22

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

Docket Nos.: 05000313 and 05000368
License Nos.: DPR-51 and NPF-6

Enclosure:
Inspection Report 2022403

cc w/encl: Distribution via Listserv

ARKANSAS NUCLEAR ONE, Units 1 and 2 – SECURITY BASELINE INSPECTION
REPORT 05000313/2022403 AND 05000368/2022403, DATED FEBRUARY 23, 2022

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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: 05000313/2022403 and 05000368/2022403

Enterprise Identifier: I-2022-403-0002

Licensee: Entergy Operations, Inc.

Facility: Arkansas Nuclear one

Location: Russellville, Arkansas

Inspection Dates: January 24, 2022 to January 27, 2022

Inspectors: J. Buchanan, Physical Security Inspector
W. Tejada, Physical Security Inspector

Approved By: Ray L. Kellar, 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 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

71130.05 - Protective Strategy Evaluation

The inspectors evaluated the licensee's protective strategy through completion of the following procedure elements:

Protective Strategy Evaluation (2 Samples)

- (1)
 - Tier I: All Requirements
 - Tier II: All Requirements
 - Tier III: All Requirements
- (2) Performance Evaluation Program: Inspectors observed a licensee-conducted annual force-on-force exercise on January 25, 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 January 27, 2022, the inspectors presented the security baseline inspection results to you and other members of your staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.05	Corrective Action Documents	ANO-C-2019-01290, ANO-C-2019-01292, ANO-C-2019-01316, ANO-C-2020-00002, ANO-C-2020-00323, ANO-C-2020-00398, ANO-C-2020-00473, ANO-C-2021-00148, ANO-C-2021-00158, ANO-C-2021-00272, ANO-C-2021-00310, ANO-C-2021-00311, ANO-C-2021-02251, ANO-C-2021-02552, AND ANO-C-2021-03108		
	Corrective Action	ANO-C-2022-		

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
	Documents Resulting from Inspection	00213, ANO-C-2022-00214, ANO-C-2022-00215, ANO-C-2022-00216, ANO-C-2022-00217, ANO-C-2022-00218, ANO-C-2022-00219, ANO-C-2022-00236, ANO-C-2022-00227, ANO-C-2022-00230, AND ANO-C-2022-00241		
	Miscellaneous		Letter of Agreement, Pope County Sheriff	12/21/2021
			Physical Security Plan, Safeguards Contingency and Training & Qualification Plan	19
		2021-03108	Security Incident Report	
		2021-0407	Security Incident Report	
		ASLP-SEC-IMP-SECCTRL	IMP/Security Patrols	
		ASLP-SEC-TAMPSAB-02	Tampering and Sabotage	2
		FLP-JCAF-ADVBM	Adversary Basic Marksmanship	2
		FLP-SEC-ADVCTRL	Force-on-Force Adversary Controller Training	2

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		FLP-SECI-DRILEX	Force-on-Force Controller Training	5
	Procedures	EN-NS-202	Remotely Operated Weapons Systems (ROWS) Operation and Maintenance	0
		EN-NS-215	Conduct of Security Force Exercises and Drills	21
		EN-NS-215-02	Annual Force-on-Force	0
		EN-NS-215-03	Triennial Force-on-Force	0
		EN-NS-220	Managing the Safety/Security Interface	5
		EN-NS-229	General Security Strategies	1
		EN-NS-234	Force-on-Force Mock Adversary Program	3
		OP-1000.019	Station Security Requirements	52
		OP-1043.002	Access Control	95
		OP-1043.003	ANO-Specific Security Responsibilities and Duties	62
		OP-1043.014	Patrols and Inspections	46
		OP.1043.004	Compensatory Measures for Security System Component Outages	49
		OP.1043.042	Response to Contingencies	22
		OP.1043.047	Defensive Strategy	28
		OP.1043.048	Law Enforcement Response Plan	4
		OP.1043.049	Target Sets	12