



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

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

April 13, 2021

Mr. John Dinelli, Site Vice President  
Arkansas Nuclear One  
Entergy Operations, Inc.  
1448 S.R. 333  
Russellville, AR 72802-0967

SUBJECT: ARKANSAS NUCLEAR ONE – SECURITY BASELINE INSPECTION REPORT  
05000313/2021402 AND 05000368/2021402

Dear Mr. Dinelli:

On March 11, 2021, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Arkansas Nuclear One. On March 11, 2021, 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* (10 CFR) 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

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

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

Enclosure:  
As stated

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ARKANSAS NUCLEAR ONE – SECURITY BASELINE INSPECTION REPORT  
 05000313/2021402 AND 05000368/2021402 DATED APRIL 13, 2021

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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: 05000313/2021402 and 05000368/2021402

Enterprise Identifier: I-2021-402-0002

Licensee: Entergy Operations, Inc.

Facility: Arkansas Nuclear One

Location: Russellville, AR

Inspection Dates: March 8, 2021 to March 11, 2021

Inspectors: J. Buchanan, Physical Security Inspector  
R. Lanfear, 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 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

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>.

## 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 except 01.02.05b and 01.02.08c
  - Tier III: All Requirements except 01.02.10a and 01.02.11b

### 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 Sample)

- (1) 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.

## **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 03.17) (1-Sample)

- (1) Unit 1 (April 2019 through March 2021)  
Unit 2 (April 2019 through March 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 March 11, 2021, the inspectors presented the security baseline inspection results to Mr. J. Dinelli and other members of the licensee staff.

**DOCUMENTS REVIEWED**

Inspection Procedure	Type	Designation	Description or Title	Revision or Date		
71130.01	Corrective Action Documents	CR-ANO-C-2018-00485, CR-ANO-C-2018-00936, CR-ANO-C-2018-01192, CR-ANO-C-2018-01689, CR-ANO-C-2018-02692, CR-ANO-C-2018-02813, CR-ANO-C-2018-03233, CR-ANO-C-2018-04603, CR-ANO-C-2018-04727, CR-ANO-C-2019-01620, CR-ANO-C-2020-01083, CR-ANO-C-2020-01429, CR-ANO-C-2020-02251, CR-ANO-C-2020-02388, CR-ANO-C-2020-03377, CR-HQN-2018-00245, and CR-HQN-2019-00855				
	Miscellaneous		Ad-Hoc Report of Information Technology in Critical Group	03/10/2021		
				Certification for Practicing Psychologists	05/06/2019	
				Substance Abuse Expert Requalification	01/21/2019	
	Procedures	EN-NS-101	Unescorted Access Authorization Program	25-29		
				EN-NS-101-03	Processing Individuals for UAA/UA and SGI Access	8
				EN-NS-101-04	Processing Potentially Disqualifying Information (PDI)	4

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		EN-NS-101-05	Maintaining Unescorted Access Authorization/Unescorted Access and Critical Group Status	5
		EN-NS-101-06	Terminating, Denial and Appeal of Unescorted Access Authorization/Unescorted Access	6
		EN-NS-102-01	Fitness for Duty Random Testing Selection and Notification	0
		EN-NS-106	In and Out Processing	10
		EN-NS-112	Medical Program	22
		FF-125	Contingency Processing Flow	0-4
71130.02	Corrective Action Documents	CR-ANO-C-2021-00538, CR-ANO-C-2021-00028, CR-ANO-C-2020-03403, CR-ANO-C-2020-03285, CR-ANO-C-2020-02862,		
	Corrective Action Documents Resulting from Inspection	CR-ANO-C-2021-00680		03/10/2021
		CR-ANO-C-2021-00681		03/10/2021
	Miscellaneous	1043.005	Key Ledger	04/10/2020
		QA-16-2020-ANO-1	Quality Assurance Audit Report (Security)	06/28/2020
	Procedures	EN-NS-204	Protection of Unclassified Safeguards Information	17
		EN-NS-231	Protected Area Search	3
		OP-1000.019	Station Security Requirements	51
71151	Procedures	EN-LI-114	Regulatory Performance Indicator Process (2ndd Quarter 2019 - 1st quarter 2021)	17