



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

September 14, 2020

Mr. John Dinelli, 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 05000313/2020410 AND 05000368/2020410

Dear Mr. Dinelli:

On August 6, 2020, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Arkansas Nuclear One, Units 1 and 2, and 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,

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:  
As stated

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ARKANSAS NUCLEAR ONE, UNITS 1 AND 2 – SECURITY BASELINE INSPECTION  
 REPORT 05000313/2020410 AND 05000368/2020410 - September 14, 2020

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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: 05000313/2020410 and 05000368/2020410

Enterprise Identifier: I-2020-410-0000

Licensee: Entergy Operations, Inc.

Facility: Arkansas Nuclear One, Units 1 and 2

Location: Russellville, AR

Inspection Dates: August 3, 2020 to August 6, 2020

Inspectors: M. Chambers, 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, Units 1 and 2, 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**

### 71130.02 - Access Control

The inspectors evaluated the access control program through completion of the minimum inspection elements due to the COVID-19 pandemic:

#### Access Control (1 Sample)

- (1)
  - Tier I: All Requirements
  - Tier II: Requirements [02.06 a, b, and d]
  - Tier III: Requirement [02.10 a]

### 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 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 02.17) (1 Sample)

- (1) (October 2019–August 2020)

## **INSPECTION RESULTS**

No findings were identified.

## **EXIT MEETINGS AND DEBRIEFS**

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

- On August 6, 2020, the inspectors presented the security baseline inspection results to Mr. John Dinelli, Site Vice President, and other members of the licensee staff.

**DOCUMENTS REVIEWED**

| Inspection Procedure | Type  | Designation                                   | Description or Title  | Revision or Date   |
|----------------------|---|---|---|--------------------|
| 71130.02             | Corrective Action Documents                           | CR-ANO-C-2020-01158                           | On-Duty Security Officers' Failure to Maintain Required Equipment | 4/13/2020          |
|                      | Corrective Action Documents Resulting from Inspection | CR-ANO-C-2020-02171                           | Observation on train/cask search process                          | 08/05/2020         |
|                      |   | CR-ANO-C-2020-02172                           | Security PI Data recording/verification process observation       | 08/05/2020         |
|                      | Procedures  | 1043.002                                      | Access Control  | 93                 |
|                      |   | EN-NS-224                                     | SOCA Access Controls  | 3                  |
|                      |   | EN-NS-231                                     | Protected Area Search   | 2                  |
|                      |   | EN-NS-232                                     | General Employee Security Responsibilities                        | 2                  |
| OP-1000.019          |   | Station Security Requirements                 | 51  |                    |
|                      | OP-1043.003   | Guard Screening, Responsibilities, and Duties |   |                    |
| 71130.09             | Miscellaneous   |   | Security Plan   | 2018               |
| 71151                | Miscellaneous   |   | 4th Quarter 2019 Security Compensatory Measures                   | Oct, Nov, Dec 2019 |
|                      |   |   | 1st Quarter Security Compensatory Measures 2020                   | Jan, Feb, Mar 2020 |