



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

June 28, 2023

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 – SECURITY BASELINE INSPECTION REPORT
05000313/2023403 AND 05000368/2023403

Dear Joseph Sullivan:

On June 15, 2023, 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 06/28/23

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

Docket No. 05000313 and 05000368
License No. DPR-51 and NPF-6

Enclosure:
As stated

cc w/ encl: Distribution via LISTSERV

ARKANSAS NUCLEAR ONE – SECURITY BASELINE INSPECTION REPORT
 05000313/2023403 AND 05000368/2023403 DATED JUNE 28, 2023.

DISTRIBUTION:

RLewis, ORA
 JMonninger, ORA
 RLantz, DORS
 MHay, DORS
 DCylkowski, RC
 VDricks, ORA
 LWilkins, OCA
 JJosey, RIV/OEDO
 TWengert, NRR
 AMoreno, RIV/OCA
 RAlexander, RSLO
 JDixon, DORS
 ASanchez, DORS
 JBrodlowicz, DORS
 RBywater, DORS
 TDebey, DORS
 NBrown, DORS
 AElam, DORS
 JMurray, ORA
 DJohnson, NSIR
 EWharton, NSIR
 FSullivan, NSIR
 CPantalo, NSIR
 JRey, NSIR
 SOrth, RIII
 DSchroeder, RI
 JWorosilo, RII
 R4-DORS-IPAT
 R4Enforcement

DOCUMENT NAME: ARKANSAS NUCLEAR ONE – SECURITY BASELINE INSPECTION REPORT
 05000313/2023403 AND 05000368/2023403

Non-Public Designation Category: MD 3.4 Non-Public _____ (A.3 - A.7 or B.1)

ADAMS ACCESSION NUMBER: **ML23177A260**

<input checked="" type="checkbox"/> SUNSI Review		<input checked="" type="checkbox"/> Non-Sensitive <input type="checkbox"/> Sensitive		<input checked="" type="checkbox"/> Publicly Available <input type="checkbox"/> Non-Publicly Available	
OFFICE	DRSS:PSB	DRSS:PSB	DRSS:PSB		
NAME	CJewett	TWeir	RKellar		
SIGNATURE	/RA/	/RA/	/RA/		
DATE	06/27/23	06/27/23	06/28/23		

OFFICIAL RECORD COPY

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

Docket Numbers: 05000313 and 05000368

License Numbers: DPR-51 and NPF-6

Report Numbers: 05000313/2023403 and 05000368/2023403

Enterprise Identifier: I-2023-403-0003

Licensee: Entergy Operations, Inc.

Facility: Arkansas Nuclear One

Location: Russellville, AR

Inspection Dates: June 12, 2023 to June 15, 2023

Inspectors: C. Jewett, 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

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>.

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 Sample)

- (1) Since the last NRC inspection of this program area, Security Plan Revision 20 was implemented based on your determination, in accordance with 10 CFR 50.54(p)(2), that the changes resulted in no decrease in safeguards effectiveness of the security plan, and that the revised security plan changed continues to meet the requirements of 10 CFR 73.55(b). The inspectors conducted a review of the security plan changes to evaluate for potential decrease in safeguards effectiveness of the security plan. However, this review does not constitute formal NRC approval of the changes. Therefore, these changes remain subject to future NRC inspection in their entirety.

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) September 15, 2022 through June 10, 2023

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

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

- On June 15, 2023, the inspectors presented the security baseline inspection results to Joseph Sullivan 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-2022-03108, CR-ANO-C-2022-03339, CR-ANO-C-2022-03522, CR-ANO-C-2023-00126, CR-ANO-C-2023-00264, CR-ANO-C-2023-00311, CR-ANO-C-2023-00941, CR-ANO-C-2023-00966, CR-ANO-C-2023-01067, CR-ANO-C-2023-01276, CR-ANO-C-2023-01331, CR-ANO-C-2023-01392, CR-ANO-C-2023-01421, CR-ANO-C-2023-01461			
	Corrective Action Documents Resulting from Inspection	CR-ANO-C-2023-01672, CR-ANO-C-2023-01673, CR-ANO-C-2023-01682, CR-ANO-C-2023-01683, CR-ANO-C-2023-01684			
	Miscellaneous			PI Summary Report	03/01/2023
				Safeguards Event Logs 04/2022 to 05/2023	
			LO-ALO-2022-	71130.02 Focused Self-Assessment	02/08/2023

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		00087		
		NQ-2022-023	Quality Assurance Security Audit Report	11/22/2022
		NSF-237-01	Security Lock Core Accountability Log	06/01/2023
		NSF-237-02	Security Key Accountability Log	06/02/2023
	Procedures	EN-LI-102	Corrective Action Program	R-049
		EN-NS-204	Protection of Unclassified Safeguards Information	R-018
		EN-NS-214	Camera Controls for Access and Use	R-010
		EN-NS-224	SOCA Access Controls	R-003
		EN-NS-228	Search and Sealing of Material	R-002
		EN-NS-231	Protected Area Search	R-003
		EN-NS-236	Warehouse Material Search	R-000
		EN-NS-237	Lock and Key	R-000
		OP-1000.019	Station Security Requirements	R-053
		OP-1043.002	Access Control	R-099
		OP-1043.016	Operational Test of Access Control Equipment	R-037