



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

June 20, 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 – SECURITY BASELINE INSPECTION REPORT
05000313/2022402 AND 05000368/2022402

Dear Mr. Sullivan:

On May 19, 2022, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Arkansas Nuclear One 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,

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

Signed by Kellar, Ray
on 06/20/22

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

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

Enclosure:
Inspection Report 05000313/2022402 and
05000368/2022402

Distribution via Listserv

ARKANSAS NUCLEAR ONE – SECURITY BASELINE INSPECTION REPORT
 05000313/2022402 AND 05000368/2022402 DATED – JUNE 20, 2022

DISTRIBUTION:

SMorris, ORA	NBrown, DORS
JMonninger, ORA	DJohnson, NSIR
RLantz, DORS	JJustice, NSIR
MHay, DORS	EWharton, NSIR
DCylkowski, RC	FSullivan, NSIR
VDricks, ORA	TKeene, NSIR
LWilkins, OCA	NSimonian, NSIR
ROrlikowski, RIV/OEDO	DGarner, NSIR
AMoreno, RIV/OCA	SOrth, RIII
RAlexander, RSLO	FBower, RI
JDixon, DORS	JWorosilo, RII
ASanchez, DORS	R4-DORS-IPAT
RBywater, DORS	
TDebey, DORS	

ADAMS ACCESSION NUMBER: ML22165A341

<input checked="" type="checkbox"/> SUNSI Review By: RLK	ADAMS: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Sensitive <input checked="" type="checkbox"/> Non-Sensitive	<input type="checkbox"/> Non-Publicly Available <input checked="" type="checkbox"/> Publicly Available	Keyword NRC-002	
OFFICE	DRSS: PSB	DRSS: PSB	DRSS: PSB	DORS: PBD	DRSS: PSB
NAME	CJewett	RLanfear	RKellar	JDixon	RKellar
SIGNATURE	CAJ	RCL	RLK	JLDJ	RLK
DATE	6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/20/2022

OFFICIAL RECORD COPY

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

Docket Numbers: 05000313 and 05000368

License Numbers: DPR-51 and NPF-6

Report Numbers: 05000313/2022402 and 05000368/2022402

Enterprise Identifier: I-2022-402-0002

Licensee: Entergy Operations, Inc.

Facility: Arkansas Nuclear One

Location: Russellville, AR

Inspection Dates: May 16, 2022 to May 19, 2022

Inspectors: C. Jewett, Physical Security Inspector
R. Lanfear, 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

71130.04 - Equipment Performance, Testing, and Maintenance

The inspectors evaluated the security equipment testing and maintenance program through the completion of the following procedure elements:

Equipment Performance, Testing, and Maintenance (1 Sample)

- (1)
 - Tier I: All Requirements
 - Tier II: All Requirements
 - Tier III: All Requirements

71130.07 - Security Training

The inspectors evaluated the security training program through completion of the following procedure elements:

Security Training (1 Sample)

- (1)
 - Tier I: All Requirements
 - Tier II: All Requirements
 - Tier III: All Requirements

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

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

- On May 19, 2022, the inspectors presented the security baseline inspection results to Mr. Joseph Sullivan and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.04	Corrective Action Documents	CR-ANO-C-2020-02751, CR-ANO-C-2020-02879, CR-ANO-C-2021-00011, CR-ANO-C-2022-01121, CR-ANO-C-2021-01646		
71130.04	Corrective Action Documents Resulting from Inspection	CR-ANO-C-2022-01376, CR-ANO-C-2022-01400, CR-ANO-C-2022-01401, CR-ANO-C-2022-01404		
71130.04	Miscellaneous		ANO Security Plan	020
71130.04	Procedures	EN-NS-212	Weapons Maintenance Program	8
71130.04	Procedures	OP-1043.12	Testing of Security Equipment	41
71130.04	Procedures	OP-1043.15	Testing Intrusion Detection Systems	55
71130.07	Corrective Action Documents	CR-ANO-C-2019-04629; CR-ANO-C-2020-02272; CR-ANO-C-2020-03042;		Various
71130.07	Corrective Action Documents Resulting from Inspection	CR-ANO-C-2022-01399; CR-ANO-C-2022-01409; CR-ANO-C-2022-01410		05/18/2022
71130.07	Miscellaneous	LO-ALO-2021-00027-CA-00007	Approval Obtained to Remove ROWS from Service	12/14/2021

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.07	Miscellaneous	Supervisor and Officer Training Records		
71130.07	Procedures	EN-NS-300	Security Training Program	11
71130.07	Procedures	EN-NS-301-01	SAT - Analysis Phase	1
71130.07	Procedures	EN-NS-301-02	SAT - Design Phase	1
71130.07	Procedures	EN-NS-301-04	SAT - Implementation Phase	3
71130.07	Procedures	EN-NS-303	Security Oversight Training Program	8
71130.07	Procedures	EN-NS-304	Security On-The-Job Training, Task Performance Evaluation and Training Exemptions	11
71130.07	Procedures	EN-NS-304-01	On-the-Job Training (OJT) Process	0
71130.07	Procedures	EN-NS-307	Security Supervisor Training and Development Program	1
71130.07	Procedures	FCOF-ANO-TACCRS	ANO Tactical Course of Fire	4
71130.07	Procedures	FJPM-SEC-22.0	Physical Fitness Performance Requirements	1
71130.07	Self-Assessments	LO-ALO-2021-00058	Arkansas Nuclear One	02/14/2022