



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

August 10, 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
05000313/2021401 AND 05000368/2021401

Dear Mr. Dinelli:

On July 22, 2021, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Arkansas Nuclear one and discussed the results of this inspection with Mr. Joe Sullivan, General Manager Plant Operations, 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 08/10/21

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

cc w/ encl: Distribution via LISTSERV®

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05000313/2021401 AND 05000368/2021401-DATE August 10, 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: 05000313/2021401 and 05000368/2021401

Enterprise Identifier: I-2021-401-0004

Licensee: Entergy Operations, Inc.

Facility: Arkansas Nuclear one

Location: Russellville, Arkansas

Inspection Dates: July 19, 2021 to July 22, 2021

Inspectors: D. Holman, Sr Physical Security Inspector

Approved By: Ray L. Kellar, Chief
Plant Support Branch 1
Division of Reactor Safety

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

71130.08 - Fitness For Duty Program

The inspectors evaluated the fitness for duty program by completing the following inspection elements:

Fitness For Duty Program (1 Sample)

- (1)
 - Tier I: All Requirements
 - Tier II: 27 Requirements [all but 02.09 c-d]
 - Tier III: 6 Requirements [all but 02.13 d, 02.14 a-c]

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

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

- On July 22, 2021, the inspectors presented the security baseline inspection results to Mr. Joe Sullivan, General Manager, Plant Operations and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.08	Corrective Action Documents	Condition Report	ANO-C-2019-01953, ANO-C-2019-03780	
	Corrective Action Documents Resulting from Inspection	Condition Report	ANO-C-2019-01928; ANO-C-2021-01929	
	Miscellaneous	FF-000	Entergy's Nuclear Fitness for Duty Program Statement of Policy	01
		NEI 03-01	Nuclear Power Plant Access Authorization Program	04
	Procedures	EN-NS-101-01	AA/FFD Facility Controls	03
		EN-NS-102	Fitness for Duty Program	25
		EN-NS-102-01	Fitness for Duty Random Testing Selection and Notification	0 and 01
		EN-NS-102-02	Fitness for Duty Specimen Collection and Shipment	03
		EN-NS-102-03	Processing of Fitness for Duty Test Results	03
		EN-NS-106	In and Out Processing	06