



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

August 21, 2024

Doug Pehrson, Site Vice President  
Arkansas Nuclear One  
Entergy Operations, Inc.  
N-TSB-58  
1448 S.R. 333  
Russellville, AR 72802-0967

SUBJECT: UPDATED INSPECTION PLAN FOR ARKANSAS NUCLEAR ONE – UNITS 1  
AND 2 (REPORT 05000313/2024005, 05000368/2024005)

Dear Doug Pehrson:

The enclosed inspection plan lists the inspections scheduled through June 30, 2026, for Arkansas Nuclear One. The U.S. Nuclear Regulatory Commission (NRC) provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last 12 months of the inspection plan are tentative and may be revised. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 of the NRC's "Agency Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact me at 817-200-1574 with any questions you have regarding this letter.

Sincerely,

A handwritten signature in black ink, appearing to read "John L. Dixon, Jr.", written over a horizontal line.

Signed by Dixon, John  
on 08/21/24

John L. Dixon, Jr., Chief  
Reactor Projects Branch D  
Division of Operating Reactor Safety

Docket Nos. 05000313, 05000368, and 07200013  
License Nos. DPR-51 and NPF-6

Enclosure:  
Inspection Plan

cc w/encl: Distribution via LISTSERV

UPDATED INSPECTION PLAN FOR ARKANSAS NUCLEAR ONE - UNITS 1 AND 2  
(REPORT 05000313/2024005, 05000368/2024005) DATED – AUGUST 21, 2024

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ADAMS ACCESSION NUMBER: ML24232A255

<input checked="" type="checkbox"/> SUNSI Review By: ASanchez	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	SPE:DORS/D	BC:DORS/D		
NAME	ASanchez	JDixon		
SIGNATURE	/RA/	/RA/		
DATE	08/20/2024	8/21/2024		

**OFFICIAL RECORD COPY**

# Site Inspection Activity Plan

## Arkansas Nuclear One

07/01/2024 - 06/30/2026

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>RP 5,8</b>						2
1,2	7/8/2024	7/12/2024	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1,2	7/8/2024	7/12/2024	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation	
<b>ANO UNIT 2 2024 BRQ</b>						3
2	7/14/2024	7/20/2024	IP	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
<b>Comprehensive Engineering Team Inspection - Arkansas Nuclear</b>						7
1,2	7/15/2024	7/19/2024	IP 71111.21M	000713	Comprehensive Engineering Team Inspection	
1,2	8/5/2024	8/9/2024	IP 71111.21M	000713	Comprehensive Engineering Team Inspection	
<b>Cyber Security - ANO</b>						4
1,2	8/19/2024	8/23/2024	IP 71130.10	000741	Cybersecurity	
<b>EP Exercise &amp; PI Inspection (2024) - ANO</b>						5
1,2	8/19/2024	8/23/2024	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1,2	8/19/2024	8/23/2024	IP 71114.07	000722	Exercise Evaluation - Hostile Action (HA) Event	
1,2	8/19/2024	8/23/2024	IP 71151	001397	Performance Indicator Verification	
<b>Inservice Inspection - ANO (U2)</b>						1
2	10/1/2024	10/4/2024	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
<b>RP 1,3,PI</b>						2
1,2	10/7/2024	10/11/2024	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1,2	10/7/2024	10/11/2024	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1,2	10/7/2024	10/11/2024	IP 71151	000746	Performance Indicator Verification	
<b>Security Access Control (.02), Security Plan Changes (.09), Security PIV (71151)</b>						1
1,2	11/18/2024	11/22/2024	IP 71130.02	000734	Access Control	
1,2	11/18/2024	11/22/2024	IP 71130.09	001656	Security Plan Changes	
1,2	11/18/2024	11/22/2024	IP 71151	001338	Performance Indicator Verification	
<b>ANO 2025 Biennial PI&amp;R</b>						4
1,2	2/24/2025	2/28/2025	IP 71152B	000747	Problem Identification and Resolution	
1,2	3/10/2025	3/14/2025	IP 71152B	000747	Problem Identification and Resolution	
<b>Age-Related Degradation Inspection - Arkansas Nuclear</b>						3
1,2	3/24/2025	3/28/2025	IP 71111.21N.04	001832	Age-Related Degradation	
1,2	4/7/2025	4/11/2025	IP 71111.21N.04	001832	Age-Related Degradation	
<b>ANO2 2025 INITIAL EXAM</b>						6
2	2/23/2025	3/1/2025	OV	000956	FB-OR-Onsite Validation Of Initial License Examination (OV)	

# Site Inspection Activity Plan

2	4/6/2025	4/19/2025	EXAD	000500	FB-OR-Initial License Exam Administration (EXAD)	
<b>Security Access Control (71130.02), Security Plan Changes (71130.09), PIV (71151)</b>						1
1,2	4/7/2025	4/11/2025	IP 71130.02	000734	Access Control	
1,2	4/7/2025	4/11/2025	IP 71130.09	001656	Security Plan Changes	
1,2	4/7/2025	4/11/2025	IP 71151	001338	Performance Indicator Verification	
<b>ANO UNIT 1 2025 BRQ</b>						2
1	7/6/2025	7/12/2025	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
<b>EP 2025 Program Inspection - ANO</b>						1
1,2	8/4/2025	8/8/2025	IP 71114.02	000717	Alert and Notification System Testing	
1,2	8/4/2025	8/8/2025	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1,2	8/4/2025	8/8/2025	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1,2	8/4/2025	8/8/2025	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1,2	8/4/2025	8/8/2025	IP 71151	001397	Performance Indicator Verification	
<b>Security Protective Strategy (71130.05) and Target Sets (71130.14)</b>						3
1,2	8/25/2025	8/29/2025	IP 71130.05	000737	Protective Strategy Evaluation	
1,2	8/25/2025	8/29/2025	IP 71130.14	000743	Review of Power Reactor Target Sets	
<b>Inservice Inspection- ANO (U1)</b>						1
1	10/6/2025	10/17/2025	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
<b>RP 1,4,PI - ANO</b>						2
1,2	10/20/2025	10/24/2025	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1,2	10/20/2025	10/24/2025	IP 71124.04	000728	Occupational Dose Assessment	
1,2	10/20/2025	10/24/2025	IP 71151	000746	Performance Indicator Verification	
<b>ANO UNIT 1 2026 INITIAL EXAM</b>						6
1	1/4/2026	1/10/2026	OV	000956	FB-OR-Onsite Validation Of Initial License Examination (OV)	
1	2/8/2026	2/14/2026	EXAD	000500	FB-OR-Initial License Exam Administration (EXAD)	
<b>Inservice Inspection - ANO (U2)</b>						1
1	3/23/2026	4/3/2026	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
<b>RP 1,3,PI - ANO</b>						2
1,2	3/23/2026	3/27/2026	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1,2	3/23/2026	3/27/2026	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1,2	3/23/2026	3/27/2026	IP 71151	000746	Performance Indicator Verification	
<b>ANO UNIT 2 2026 BRQ</b>						2
2	6/21/2026	6/27/2026	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
<b>FORCE-ON-FORCE PLANNING AND EXERCISE WEEKS - ANO</b>						4
1,2	6/1/2026	6/5/2026	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	

# Site Inspection Activity Plan

1,2 6/22/2026 6/26/2026 IP 71130.03 000735 Contingency Response - Force-On-Force Testing

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