



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

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

September 1, 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: UPDATED INSPECTION PLAN FOR ARKANSAS NUCLEAR ONE, UNITS 1  
AND 2 (REPORTS 05000313/2020005 AND 05000368/2020005)

Dear Mr. Dinelli:

The enclosed inspection plan lists the inspections scheduled through June 30, 2022, for Arkansas Nuclear One, Units 1 and 2. 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. You should be aware that the agency is pursuing potential changes to the Reactor Oversight Process (ROP), including changes to engineering inspections (SECY-18-0113, "Recommendations for Modifying the Reactor Oversight Process Engineering Inspections"), and other changes to the baseline inspection program described in SECY-19-0067, "Recommendations for Enhancing the Reactor Oversight Process." Should these changes to the ROP be implemented, the engineering and other region-based inspections are subject to change in scope, as well as schedule. 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 response to the COVID-19 public health emergency (PHE), the NRC is adjusting inspection plans and schedules in order to safeguard the health and safety of both NRC and licensee staff while still effectively implementing the ROP. Each planned inspection is being carefully reviewed in order to determine if any portions of the inspection can be performed remotely, determine how best to perform on-site portions to minimize personnel health risks, and adjust inspection schedules if needed. This is done in accordance with guidance contained in the May 28, 2020, memorandum, "Inspection Guidance During Transition From COVID-19 Mandatory Telework" (Agencywide Documents Access and Management System (ADAMS) Accession Number ML20141L766). For inspections requiring extensive coordination with offsite organizations, such as evaluated emergency preparedness exercises, NRC guidance and frequently asked questions for security and emergency preparedness can be found here: <https://www.nrc.gov/about-nrc/covid-19/security-ep/>. Similarly, the NRC has developed guidance if force-on-force inspections cannot be completed as scheduled due to an emergency, such as the COVID-19 PHE. These changes help ensure the health and safety of both NRC and licensee staff while maintaining the NRC's important safety and security mission during the COVID-19 PHE. The attached inspection plan is accurate on the date of issuance, but remains

subject to change based on approval of potential exemption requests or other changes needed due to changing conditions in the COVID-19 PHE. NRC staff will contact your appropriate regulatory affairs staff in order to coordinate inspection planning and scheduling.

On March 12, 2018, the NRC issued a Confirmatory Order (ADAMS Accession Number ML18072A191) (EA-17-132 and EA-17-153), to the Entergy fleet that included Arkansas Nuclear One, Units 1 and 2. The NRC conducted a Confirmatory Order follow-up inspection at Entergy Corporate Headquarters in Jackson, MS, on January 21, 2020, and the results are documented in report number 05000313/2020010 and 05000368/2020010 (ADAMS Accession Number ML20086J157) for the actions required to be completed by the end of calendar year 2019, this was done in accordance with Inspection Procedure 92702, "Followup on Traditional Enforcement Actions Including Violations, Deviations, Confirmatory Action Letters, Confirmatory Orders, And Alternative Dispute Resolution Confirmatory Orders." The NRC plans to conduct additional follow-up inspections of the remaining open Confirmatory Order actions required to be completed by Entergy. The NRC will coordinate with Entergy to schedule these inspection activities.

The NRC will also be performing baseline inspections of licensee cyber security programs. The specific schedule and procedure to be used for these inspections are being developed by the NRC staff. The staff expects to communicate the schedule for these inspections to each utility separately.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 of the NRC's "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,

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

Docket Nos. 05000313 and 05000368  
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  
(REPORTS 05000313/2020005 AND 05000368/2020005) – September 1, 2020

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 DRS Branch Chiefs  
 DNMS Branch Chiefs  
 JDixon-Herrity, NRR  
 ROP Reports  
 ROPAssessment.Resource

ADAMS ACCESSION NUMBER: ML20240A337

<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	SPE:DRP/D	C:DRP/D			
NAME	RSmith	JDixon, Jr.			
SIGNATURE	/RA/	/RA/			
DATE	8/18/2020	8/25/2020			

# IP 22 Inspection Activity Plan Report

## 07200013 - ANO

07/01/2020 - 06/30/2022

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>ANO ISFSI Loading Inspection (1 week in May)</b>						2
1	05/01/2022	05/31/2022	IP 60855	001001	Operation Of An ISFSI	
1	05/01/2022	05/31/2022	IP 60857	001004	Review of 10 CFR 72.48 Evaluations	

# IP 22 Inspection Activity Plan Report

## Arkansas Nuclear One

07/01/2020 - 06/30/2022

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>ANO 2020 BRQ (Unit 2)</b>						<b>2</b>
2	07/05/2020	07/11/2020	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
<b>Security Access Control .02</b>						<b>1</b>
1, 2	08/03/2020	08/07/2020	IP 71130.02	000734	Access Control	
1, 2	08/03/2020	08/07/2020	IP 71130.09	001656	Security Plan Changes	
1, 2	08/03/2020	08/07/2020	IP 71151	001338	Performance Indicator Verification	
<b>EP Program Insp - ANO</b>						<b>1</b>
1, 2	09/14/2020	09/18/2020	IP 71114.02	000717	Alert and Notification System Testing	
1, 2	09/14/2020	09/18/2020	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1, 2	09/14/2020	09/18/2020	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1, 2	09/14/2020	09/18/2020	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1, 2	09/14/2020	09/18/2020	IP 71151	001397	Performance Indicator Verification	
<b>Security Equipment .04 and Training .07</b>						<b>2</b>
1, 2	10/05/2020	10/09/2020	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1, 2	10/05/2020	10/09/2020	IP 71130.07	000739	Security Training	
<b>EP Exercise Scenario Rvw 71114.08 - ANO</b>						<b>4</b>
1, 2	01/10/2021	02/20/2021	IP 71114.08	000723	Exercise Evaluation □ Scenario Review	
<b>ANO UNIT 2 2021 INITIAL EXAM</b>						<b>7</b>
2	02/28/2021	03/06/2021	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
2	03/28/2021	04/03/2021	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
<b>Security Access Auth .01 and Access Control .02</b>						<b>2</b>
1, 2	03/08/2021	03/12/2021	IP 71130.01	000733	Access Authorization	
1, 2	03/08/2021	03/12/2021	IP 71130.02	000734	Access Control	
1, 2	03/08/2021	03/12/2021	IP 71130.09	001656	Security Plan Changes	
1, 2	03/08/2021	03/12/2021	IP 71151	001338	Performance Indicator Verification	
<b>EP Exercise &amp; PI Inspection - ANO</b>						<b>4</b>
1, 2	03/22/2021	03/26/2021	IP 71114.01	000716	Exercise Evaluation	
1, 2	03/22/2021	03/26/2021	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1, 2	03/22/2021	03/26/2021	IP 71151	001397	Performance Indicator Verification	

# IP 22 Inspection Activity Plan Report

## Arkansas Nuclear One

07/01/2020 - 06/30/2022

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>Inservice Inspection 1RF29 - ANO</b>						1
1	04/12/2021	04/23/2021	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
<b>RP 1,3,PI</b>						2
1, 2	04/19/2021	04/23/2021	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	04/19/2021	04/23/2021	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
<b>Design Bases Assurance (Teams) 21M - ANO</b>						6
1, 2	06/14/2021	07/02/2021	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
<b>ANO1 2021 BRQ</b>						3
1	06/27/2021	07/03/2021	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
<b>Security FFD .08</b>						1
1, 2	07/19/2021	07/23/2021	IP 71130.08	000740	Fitness For Duty Program	
<b>Biennial PI&amp;R Inspection</b>						4
1, 2	07/19/2021	07/23/2021	IP 71152B	000747	Problem Identification and Resolution	
1, 2	08/02/2021	08/06/2021	IP 71152B	000747	Problem Identification and Resolution	
<b>FORCE-ON-FORCE PLANNING AND EXERCISE WEEKS - ANO</b>						6
1, 2	08/02/2021	08/06/2021	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1, 2	08/23/2021	08/27/2021	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
<b>RP 2,4</b>						2
1, 2	08/30/2021	09/03/2021	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	08/30/2021	09/03/2021	IP 71124.04	000728	Occupational Dose Assessment	
<b>Inservice Inspection 2RF28 - ANO</b>						1
2	09/20/2021	10/01/2021	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
<b>Fire Protection Inspection - ANO</b>						3
1, 2	01/24/2022	01/28/2022	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
1, 2	02/07/2022	02/11/2022	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
<b>ANO UNIT 1 2022 INITIAL EXAM</b>						6
1	02/27/2022	03/05/2022	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	

This report does not include INPO and OUTAGE activities.  
 This report shows only on-site and announced inspection procedures.

# IP 22 Inspection Activity Plan Report

## Arkansas Nuclear One

07/01/2020 - 06/30/2022

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>ANO UNIT 1 2022 INITIAL EXAM</b>						6
1	04/03/2022	04/09/2022	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
<b>In-Office EP Exercise Scenario Review - ANO</b>						4
1, 2	06/01/2022	07/11/2022	IP 71114.08	000723	Exercise Evaluation □ Scenario Review	
<b>ANO UNIT 1 2022 BRQ</b>						3
1	06/19/2022	06/25/2022	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
<b>RP 5,8</b>						2
1, 2	06/27/2022	07/01/2022	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1, 2	06/27/2022	07/01/2022	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation	