



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

August 30, 2019

Mr. Richard Anderson  
Site Vice President  
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 05000313/2019005 AND 05000368/2019005

Dear Mr. Anderson:

The enclosed inspection plan lists the inspections scheduled through June 30, 2021, 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, beginning in January 2020. 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.

On March 12, 2018, the NRC issued a Confirmatory Order (ADAMS Accession No. ML18072A191) (EA-17-132 and EA-17-153), to the Entergy fleet that included Arkansas Nuclear One, Units 1 and 2. The NRC plans to conduct a Confirmatory Order followup inspection at Entergy Corporate Headquarters in Jackson, MS of the actions required to be completed by the end of calendar year 2019, 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." This inspection will be conducted during the first quarter of 2020 on a date to be determined by the NRC and Entergy.

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

**/RA/**

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

Docket Nos. 50-313; 50-368  
License Nos. DPR-51; NPF-6

Enclosure:  
Inspection Plan

UPDATED INSPECTION PLAN FOR ARKANSAS NUCLEAR ONE, UNITS 1 AND 2, REPORT  
05000313/2019005 AND 05000368/2019005 – DATED AUGUST 30, 2019

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 ROP Assessment Resource

DOCUMENT NAME: ANO 2019005 MidCycle

ADAMS ACCESSION NUMBER: ML19235A087

☒ SUNSI Review

ADAMS:

☐ Non-Publicly Available

☒ Non-Sensitive

Keyword:

By: **BKC**

☒ Yes ☐ No

☒ Publicly Available

☐ Sensitive

Nrc-002

OFFICE	PBD:ASPE	PBD:C				
NAME	BCorrell	JDixon				
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DATE	08/22/19	08/30/19				

OFFICIAL RECORD COPY

# IP 22 Inspection Activity Plan Report

## 07200013 - ANO

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>ANO ISFSI Loading Inspection</b>						2
1	06/17/2019	08/30/2019	IP 60855	001001	Operation Of An ISFSI	
1	06/17/2019	08/30/2019	IP 60857	001004	Review of 10 CFR 72.48 Evaluations	

# IP 22 Inspection Activity Plan Report

## Arkansas Nuclear One

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>ANO 2019 BRQ (UNIT 1)</b>						2
1	07/07/2019	07/13/2019	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
<b>ANO Biennial PI&amp;R Inspection</b>						4
1, 2	08/05/2019	08/09/2019	IP 71152B	000747	Problem Identification and Resolution	
1, 2	08/19/2019	08/23/2019	IP 71152B	000747	Problem Identification and Resolution	
<b>EP PROGRAM INSPECTION</b>						1
1, 2	08/26/2019	08/30/2019	IP 71114.02	000717	Alert and Notification System Testing	
1, 2	08/26/2019	08/30/2019	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1, 2	08/26/2019	08/30/2019	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1, 2	08/26/2019	08/30/2019	IP 71151	001397	Performance Indicator Verification	
<b>Security Access Control .02</b>						1
1, 2	09/02/2019	09/13/2019	IP 71130.02	000734	Access Control	
1, 2	09/02/2019	09/13/2019	IP 71151	001338	Performance Indicator Verification	
<b>Inservice Inspection 1RF18 - ANO</b>						1
1	10/20/2019	10/26/2019	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
<b>RP INSPECTION (1,3)</b>						2
1, 2	10/21/2019	10/25/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	10/21/2019	10/25/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
<b>ANO 10CFR50.59 INSPECTION</b>						3
1, 2	11/18/2019	11/22/2019	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
<b>ANO ENTERGY CO FOLLOWUP - 2</b>						3
1, 2	12/01/2019	03/31/2020	IP 92702 CONF	001581	Enforcement Related Order Follow-Up-Only	
<b>ANO 2020 INITIAL EXAM (UNIT 1)</b>						7
1	03/01/2020	03/07/2020	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1	03/29/2020	04/04/2020	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
<b>Inservice Inspection 2RF27 - ANO</b>						1
2	03/23/2020	04/03/2020	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	

# IP 22 Inspection Activity Plan Report

## Arkansas Nuclear One

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>RS 12PI Radiation Safety</b>						2
1, 2	03/23/2020	03/27/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	03/23/2020	03/27/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
<b>Security Access Control .02</b>						1
1, 2	05/11/2020	05/15/2020	IP 71130.02	000734	Access Control	
1, 2	05/11/2020	05/15/2020	IP 71151	001338	Performance Indicator Verification	
<b>Arkansas Nuclear 1, 2 - Design Bases Assurance Inspection (Programs)</b>						3
1, 2	06/08/2020	06/12/2020	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
1, 2	06/22/2020	06/26/2020	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
<b>RS5678 Radiation Safety PS Team</b>						4
1, 2	06/15/2020	06/19/2020	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1, 2	06/15/2020	06/19/2020	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	06/15/2020	06/19/2020	IP 71124.07	000731	Radiological Environmental Monitoring Program	
1, 2	06/15/2020	06/19/2020	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
<b>MC&amp;A - Material Control &amp; Accounting</b>						1
1, 2	06/15/2020	06/19/2020	IP 71130.11	000742	Material Control and Accounting (MC&A)	
<b>ANO 2020 BRQ (Unit 2)</b>						2
2	07/05/2020	07/11/2020	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
<b>EP Exercise and PI Inspection</b>						4
1, 2	09/14/2020	09/18/2020	IP 71114.01	000716	Exercise Evaluation	
1, 2	09/14/2020	09/18/2020	IP 71151	001397	Performance Indicator Verification	
<b>Security Equipment .04 and Training .07</b>						2
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>ANO UNIT 2 2021 INITIAL EXAM</b>						7
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)	

# IP 22 Inspection Activity Plan Report

## Arkansas Nuclear One

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>Security Access Auth .01 and Access Control .02 w/PIV</b>						2
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 71151	001338	Performance Indicator Verification	
<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>						2
1	06/27/2021	07/03/2021	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	