



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, ILLINOIS 60532-4352

August 22, 2024

Rod Penfield  
Site Vice President  
Vistra Operations Company, LLC  
Perry Nuclear Power Plant  
10 Center Road, P.O. Box 97  
Perry, OH 44081

SUBJECT: UPDATED INSPECTION PLAN FOR PERRY NUCLEAR POWER PLANT  
(REPORT 05000440/2024005)

Dear Rod Penfield:

The enclosed inspection plan lists the inspections scheduled through June 30, 2026, for Perry Nuclear Power Plant. The 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 twelve 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.

The NRC plans to perform Inspection Procedure (IP) 71002, License Renewal Inspection, and IP 71003, Post-Approval Site Inspection for License Renewal, during this period.

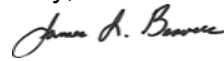
In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system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

R. Penfield

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Please contact me at 630-829-9593 with any questions you have regarding this letter.

Sincerely,



Signed by Beavers, James  
on 08/22/24

James Beavers, Acting Chief  
Reactor Projects Branch 2  
Division of Operating Reactor Safety

Docket Nos. 05000440 and 07200069

License No. NPF-58

Enclosure:  
Inspection Plan

cc: Distribution via LISTSERV®

Letter to Rod Penfield from James Beavers dated August 22, 2024.

SUBJECT: UPDATED INSPECTION PLAN FOR PERRY NUCLEAR POWER PLANT  
(REPORT 05000440/2024005)

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**OFFICIAL RECORD COPY**

# Site Inspection Activity Plan

## 07200069 - Perry (ISFSI)

07/01/2024 - 06/30/2026

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>ISFSI Cask Loading Inspection</b>						2
	7/29/2024	8/2/2024	IP 60855	001001	Operation Of An ISFSI	

# Site Inspection Activity Plan

## Perry

07/01/2024 - 06/30/2026

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>Emergency Preparedness Exercise Inspection / Performance Indicator Verification</b>						4
1	9/23/2024	9/27/2024	IP 71114.01	000716	Exercise Evaluation	
1	9/23/2024	9/27/2024	IP 71151	001397	Performance Indicator Verification	
<b>License Renewal 71002</b>						5
1	10/21/2024	11/8/2024	IP 71002	000686	License Renewal Inspection	
<b>Radiation Protection Baseline Inspection</b>						1
1	10/28/2024	11/1/2024	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation	
<b>Eplan and EAL Changes Review</b>						1
1	11/1/2024	12/31/2024	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
<b>Perry December 2024 Initial License Exam</b>						3
1	8/18/2024	8/24/2024	OV	000956	FB-OR-Onsite Validation Of Initial License Examination (OV)	
1	11/3/2024	11/9/2024	OV	000956	FB-OR-Onsite Validation Of Initial License Examination (OV)	
1	12/8/2024	12/14/2024	EXAD	000500	FB-OR-Initial License Exam Administration (EXAD)	
1	12/15/2024	12/21/2024	EXAD	000500	FB-OR-Initial License Exam Administration (EXAD)	
<b>Perry Biennial Requalification Program Inspection</b>						2
1	11/17/2024	11/22/2024	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
<b>Security Baseline Inspection</b>						1
1	9/30/2024	10/4/2024	IP 71130.02	000734	Access Control	
1	9/30/2024	10/4/2024	IP 71130.09	001656	Security Plan Changes	
1	9/30/2024	10/4/2024	IP 71151	001338	Performance Indicator Verification	
1	10/28/2024	11/1/2024	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1	11/18/2024	11/22/2024	IP 71130.14	000743	Review of Power Reactor Target Sets	
<b>License Renewal Phase 1</b>						1
1	3/17/2025	3/28/2025	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
<b>Inservice Inspection Unit 1</b>						1
1	3/17/2025	3/28/2025	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
<b>Radiation Protection Baseline Inspection</b>						1
1	3/17/2025	3/21/2025	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	3/17/2025	3/21/2025	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
<b>Triennial Material Control &amp; Accounting Inspection</b>						1
1	4/1/2025	12/31/2025	IP 71130.11	000742	Material Control and Accounting (MC&A)	
<b>Emergency Preparedness Program Inspection / Performance Indicator Review</b>						1

# Site Inspection Activity Plan

1	4/21/2025	4/25/2025	IP 71114.02	000717	Alert and Notification System Testing	
1	4/21/2025	4/25/2025	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1	4/21/2025	4/25/2025	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1	4/21/2025	4/25/2025	IP 71151	001397	Performance Indicator Verification	
<b>Force-On-Force Planning and Exercise Weeks - PER</b>						5
1	5/19/2025	5/23/2025	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1	6/9/2025	6/13/2025	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
<b>Radiation Protection Baseline Inspection</b>						1
1	6/23/2025	6/27/2025	IP 71124.07	000731	Radiological Environmental Monitoring Program	
<b>Functional Engineering Inspection - Commercial Grade Dedication</b>						3
1	7/14/2025	8/1/2025	IP 71111.21N.03	001808	Commercial Grade Dedication	
<b>Security Baseline Inspection</b>						1
1	9/22/2025	9/26/2025	IP 71130.07	000739	Security Training	
1	9/22/2025	9/26/2025	IP 71130.09	001656	Security Plan Changes	
1	9/22/2025	9/26/2025	IP 71151	001338	Performance Indicator Verification	
1	10/13/2025	10/17/2025	IP 71130.02	000734	Access Control	
<b>Cyber Security Inspection</b>						3
1	9/22/2025	9/26/2025	IP 71130.10	000741	Cybersecurity	
<b>Biennial Problem Identification and Resolution Inspection</b>						4
1	10/20/2025	11/7/2025	IP 71152B	000747	Problem Identification and Resolution	
<b>Eplan and EAL Changes Review</b>						1
1	11/1/2025	12/31/2025	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
<b>Radiation Protection Baseline Inspection</b>						1
1	11/17/2025	11/21/2025	IP 71124.05	000729	Radiation Monitoring Instrumentation	
<b>Security Baseline Inspection</b>						1
1	3/2/2026	3/6/2026	IP 71130.08	000740	Fitness-For-Duty Program	
<b>License Renewal Post Approval Phase 2</b>						5
1	4/6/2026	4/24/2026	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
<b>Radiation Protection Baseline Inspection</b>						1
1	4/13/2026	4/17/2026	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	4/13/2026	4/17/2026	IP 71124.04	000728	Occupational Dose Assessment	
<b>Radiation Protection Baseline Inspection</b>						1
1	6/8/2026	6/12/2026	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	