



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

August 28, 2019

Mr. Frank Payne
Site Vice President
FirstEnergy Nuclear Operating Company
Perry Nuclear Power Plant
Reg Affairs-A210
10 Center Road, P.O. Box 97
Perry, OH 44081-0097

SUBJECT: UPDATED INSPECTION PLAN FOR PERRY NUCLEAR POWER PLANT
(REPORT 05000440/2019005)

Dear Mr. Payne:

The enclosed inspection plan lists the inspections scheduled through June 30, 2021, for the 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. You should be aware that the agency is pursuing potential changes to the 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 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.

As shown in the attached schedule, the NRC will conduct a Biennial Problem Identification and Resolution Inspection during the period of November 4 through November 22, 2019, using Inspection Procedure (IP) 71152B and, during the period of April 20 through May 8, 2020, a Design Bases Assurance Inspection (Team) using IP 71111.21M.

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 10 CFR 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Please contact me at 630-829-9827 with any questions you have regarding this letter.

Sincerely,

/RA/

Billy Dickson, Chief
Branch 2
Division of Reactor Projects

Docket No. 50-440
License No. NPF-58

Enclosure:
Inspection Plan

cc: Distribution via LISTSERV®

Letter to Frank Payne from Billy Dickson dated August 28, 2019

SUBJECT: UPDATED INSPECTION PLAN FOR PERRY NUCLEAR POWER PLANT
(REPORT 05000440/2019005)

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DATE	8/28/2019						

OFFICIAL RECORD COPY

IP 22 Inspection Activity Plan Report

Perry

09/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
Force-on-Force Planning and Exercises						6
1	09/09/2019	09/13/2019	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
Emergency Preparedness Baseline Inspection / Performance Indicator Verification						1
1	10/06/2019	10/11/2019	IP 71151	001397	Performance Indicator Verification	
1	10/07/2019	10/11/2019	IP 71114.02	000717	Alert and Notification System Testing	
1	10/07/2019	10/11/2019	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1	10/07/2019	10/11/2019	IP 71114.05	000720	Maintenance of Emergency Preparedness	
Security Baseline Inspection						1
1	10/21/2019	10/25/2019	IP 71130.06	000738	Protection of Safeguards Information	
1	10/21/2019	10/25/2019	IP 71130.07	000739	Security Training	
1	10/21/2019	10/25/2019	IP 71151	001338	Performance Indicator Verification	
Radiation Protection Baseline Inspection						1
1	10/28/2019	11/01/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
Biennial Problem Identification and Resolution Inspection						4
1	11/04/2019	11/22/2019	IP 71152B	000747	Problem Identification and Resolution	
Triennial Heat Sink Inspection						2
1	12/02/2019	12/06/2019	IP 71111.07T	000700	Heat Sink Performance	
OPC Temporary Instruction 2515/194						1
1	12/16/2019	12/20/2019	TI 2515/194	000512	Inspection of the Licensee's Implementation of Industry Initiative Associated With the Open Phase Condition Design Vulnerabilities In Electric Power Systems (NRC Bulletin 2012-01)	
Security Baseline Inspection						1
1	02/24/2020	02/28/2020	IP 71130.08	000740	Fitness For Duty Program	
1	02/24/2020	02/28/2020	IP 71151	001338	Performance Indicator Verification	
Radiation Protection Baseline Inspection						1
1	03/16/2020	03/20/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	03/16/2020	03/20/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	

IP 22 Inspection Activity Plan Report

Perry

09/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
Design Bases Assurance Inspection (Team)						6
1	04/20/2020	04/24/2020	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
1	05/04/2020	05/08/2020	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
Radiation Protection Baseline Inspection						1
1	05/04/2020	05/08/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	05/04/2020	05/08/2020	IP 71124.04	000728	Occupational Dose Assessment	
Radiation Protection Baseline Inspection						1
1	07/20/2020	07/24/2020	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
Security Baseline Inspection						2
1	08/03/2020	08/07/2020	IP 71130.02	000734	Access Control	
1	08/03/2020	08/07/2020	IP 71130.05	000737	Protective Strategy Evaluation	
ISFSI Cask Loading Inspection 3Q2020						2
1	09/07/2020	09/11/2020	IP 60855.1	000590	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
Emergency Preparedness Exercise Inspection / Performance Indicator Verification						4
1	09/14/2020	09/18/2020	IP 71114.01	000716	Exercise Evaluation	
1	09/14/2020	09/18/2020	IP 71151	001397	Performance Indicator Verification	
Security Baseline Inspection						1
1	10/05/2020	10/09/2020	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
Radiation Protection Baseline Inspection						1
1	10/12/2020	10/16/2020	IP 71124.05	000729	Radiation Monitoring Instrumentation	
Perry Biennial Licensed Operator Requalification Program Inspection						2
1	12/07/2020	12/11/2020	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
Perry 2021 Initial License Exam						3
1	01/04/2021	01/08/2021	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1	02/08/2021	02/19/2021	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	

IP 22 Inspection Activity Plan Report

Perry

09/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
Radiation Protection Baseline Inspection						1
1	02/01/2021	02/05/2021	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
Corporate Security Baseline Inspection						1
1	02/08/2021	02/12/2021	IP 71130.01	000733	Access Authorization	
Inservice Inspection Perry						1
1	03/10/2021	03/19/2021	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
Radiation Protection Baseline Inspection						1
1	03/15/2021	03/19/2021	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
Cyber Security Inspection						4
1	04/05/2021	04/23/2021	IP 71130.10P	000741	Cyber Security	
Security Baseline Inspection						1
1	04/26/2021	04/30/2021	IP 71130.02	000734	Access Control	
1	04/26/2021	04/30/2021	IP 71130.14		Review of Power Reactor Target Sets	
Design Basis Assurance Inspection (Programs)						3
1	06/28/2021	07/16/2021	IP 71111.21N.02		Design-Basis Capability of Power-Operated Valves Under 10 CFR 50.55a Requirements	