



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

September 1, 2021

Mr. Rod Penfield
Site Vice President
Energy Harbor Nuclear Corp.
Perry Nuclear Power Plant
10 Center Road,
Perry, OH 44081

SUBJECT: UPDATED INSPECTION PLAN FOR PERRY NUCLEAR POWER PLANT
(Report 05000440/2021005)

Dear Mr. Penfield:

The enclosed inspection plan lists the inspections scheduled through June 30, 2023, 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.

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 February 1, 2021 memo, "Calendar Year 2021 Inspection Guidance During COVID-19 Telework Restrictions" (ML21027A274). 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.

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

Additionally, during this period the NRC will schedule an additional inspection per a revised version of Temporary Instruction (TI) 2515/194, "Inspection of the Licensee's Implementation of Industry Initiative Associated with the Open Phase Condition Design Vulnerability in Electrical Power Systems (NRC Bulletin 2012-01)" for any sites who elect to implement the guidance of the Industry Initiative on Open Phase Condition, Revision 3 (ML19163A176), which included an option for relying on annunciation and operator manual actions instead of automatic protective features to isolate a power supply affected by an open phase condition. Licensees will be individually notified when the NRC schedules these inspections.

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 (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 Rod Penfield from Billy Dickson dated September 1, 2021.

SUBJECT: UPDATED INSPECTION PLAN FOR PERRY NUCLEAR POWER PLANT
(Report 05000440/2021005)

DISTRIBUTION:

Jessie Quichocho
Aaron McCraw
RidsNrrPMPerry Resource
RidsNrrDorLpl3
RidsNrrDrolrib Resource
John Giessner
Mohammed Shuaibi
Jamnes Cameron
Allan Barker
DRPIII
DRSIII
ROPAssessment.Resource@nrc.gov

ADAMS Accession Number: ML21242A512

Publicly Available Non-Publicly Available Sensitive Non-Sensitive

OFFICE	RIII	RIII			
NAME	RRuiz:ve via email	BDickson via email			
DATE	8/25/2021	8/30/2021			

OFFICIAL RECORD COPY

IP 22b Site Inspection Activity Plan

Perry

07/01/2021 - 06/30/2023

Unit	Start	End	Activity	CAC	Title	Staff Count
Security Baseline Inspection						1
1	7/19/2021	7/29/2021	IP 71130.02	000734	Access Control	
1	7/19/2021	7/29/2021	IP 71151	001338	Performance Indicator Verification	
1	7/29/2021	7/29/2021	IP 71130.08	000740	Fitness For Duty Program	
Triennial Fire Protection Inspection						3
1	9/13/2021	10/1/2021	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
Security Baseline Inspection						1
1	9/20/2021	9/24/2021	IP 71130.05	000737	Protective Strategy Evaluation	
1	9/20/2021	9/24/2021	IP 71130.07	000739	Security Training	
1	10/1/2021	12/31/2021	IP 71130.09	001656	Security Plan Changes	
Emergency Preparedness Baseline Inspection / Performance Indicator Verification						1
1	9/27/2021	10/1/2021	IP 71114.02	000717	Alert and Notification System Testing	
1	9/27/2021	10/1/2021	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1	9/27/2021	10/1/2021	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1	9/27/2021	10/1/2021	IP 71151	001397	Performance Indicator Verification	
Biennial Problem Identification and Resolution Inspection						4
1	11/15/2021	12/3/2021	IP 71152B	000747	Problem Identification and Resolution	
Radiation Protection Baseline Inspection						1
1	11/29/2021	12/3/2021	IP 71124.02	000726	Occupational ALARA Planning and Controls	
RP Baseline Inspection						1
1	3/21/2022	3/25/2022	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	3/21/2022	3/25/2022	IP 71124.04	000728	Occupational Dose Assessment	
Security Baseline Inspection						1
1	1/24/2022	1/28/2022	IP 71130.01	000733	Access Authorization	
1	3/28/2022	4/1/2022	IP 71130.14	000743	Review of Power Reactor Target Sets	
Triennial Heat Sink						2
1	4/25/2022	4/29/2022	IP 71111.07T	000700	Heat Sink Performance	
RP Baseline Inspection						1
1	6/6/2022	6/10/2022	IP 71124.07	000731	Radiological Environmental Monitoring Program	
FORCE-ON-FORCE PLANNING AND EXERCISE WEEKS - PER						6
1	6/6/2022	6/10/2022	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1	6/27/2022	7/1/2022	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
Cyber Security Inspection						4

IP 22b Site Inspection Activity Plan

1	6/20/2022	6/24/2022	IP 71130.10P	000741	Cyber Security	
RP Baseline Inspection						1
1	9/12/2022	9/16/2022	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation	
Evaluations of Changes, Test, and Experiments Inspection						3
1	9/19/2022	9/23/2022	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
Emergency Preparedness Exercise Inspection / Performance Indicator Verification						4
1	9/26/2022	9/30/2022	IP 71114.07	000722	Exercise Evaluation - Hostile Action (HA) Event	
1	9/26/2022	9/30/2022	IP 71151	001397	Performance Indicator Verification	
Perry 2022 Biennial Licensed Operator Requalification Program Inspection						2
1	10/16/2022	10/22/2022	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
Security Baseline Inspection						1
1	10/3/2022	12/31/2022	IP 71130.09	001656	Security Plan Changes	
1	10/17/2022	10/21/2022	IP 71130.02	000734	Access Control	
1	10/17/2022	10/21/2022	IP 71151	001338	Performance Indicator Verification	
1	10/31/2022	11/4/2022	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
Perry December 2022 Initial License Exam						3
1	11/13/2022	11/19/2022	OV	000956	FB-OR-ONSITE VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1	12/11/2022	12/17/2022	EXAD	000500	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
1	12/18/2022	12/23/2022	EXAD	000500	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
Corporate Security Baseline Inspection						1
1	1/30/2023	2/3/2023	IP 71130.08	000740	Fitness For Duty Program	
Radiation Protection Baseline Inspection						1
1	3/20/2023	3/24/2023	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	3/20/2023	3/24/2023	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	3/20/2023	3/24/2023	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
Design Basis Assurance Inspection (Team)						6
1	4/24/2023	5/12/2023	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
Radiation Protection Baseline Inspection						1
1	6/26/2023	6/30/2023	IP 71124.05	000729	Radiation Monitoring Instrumentation	

IP 22b Site Inspection Activity Plan

Perry

07/01/2021 - 06/30/2023

Unit	Start	End	Activity	CAC	Title	Staff Count
ISFSI Preoperational and Initial Loading						4
1	8/22/2022	8/26/2022	IP 60856	001003	Review of 10 CFR 72.212(b) Evaluations	
1	9/5/2022	9/9/2022	IP 60854	001000	Preoperational Testing Of An ISFSI	
1	9/12/2022	9/16/2022	IP 60855	001001	Operation Of An ISFSI	