



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

August 28, 2018

Mr. David B. Hamilton
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, UNIT 1
(REPORT 05000440/2018005)

Dear Mr. Hamilton:

The enclosed inspection plan lists the inspections scheduled through June 30, 2020, for Perry Nuclear Power Plant, Unit 1. 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 addition to the baseline inspection, the NRC plans to conduct an infrequently performed inspection in accordance with Inspection Procedure (IP) 60855.1, "Operation of an Independent Spent Fuel Storage Installation at Operating Plants."

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 5
Division of Reactor Projects

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

Enclosure:
Inspection Plan

cc: Distribution via LISTSERV®

Letter to David Hamilton from Billy Dickson dated August 28, 2018

SUBJECT: UPDATED INSPECTION PLAN FOR PERRY NUCLEAR POWER PLANT, UNIT 1
(REPORT 05000440/2018005)

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Christopher Cook

RidsNrrPMPerry Resource

RidsNrrDorlLpl3

RidsNrrDirslrib Resource

Steven West

Darrell Roberts

Richard Skokowski

Allan Barker

DRPIII

DRSIII

ROPAssessment.Resource@nrc.gov

ADAMS Accession Number: ML18240A375

| | | | | | | | |
|--------|-------------|--|--|--|--|--|--|
| OFFICE | RIII | | | | | | |
| NAME | BDickson:bw | | | | | | |
| DATE | 8/28/2018 | | | | | | |

OFFICIAL RECORD COPY

IP 22 Inspection Activity Plan Report

Perry

09/01/2018 - 06/30/2020

| Unit | Start | End | Activity | CAC | Title | Staff Count |
|--|------------|------------|--------------|--------|---|-------------|
| FIRE PROTECTION INSPECTION & BAG TRIP | | | | | | 3 |
| 1 | 09/17/2018 | 10/19/2018 | IP 71111.05T | 000696 | Fire Protection (Triennial) | |
| EP EXERCISE/PI VERIFICATION | | | | | | 4 |
| 1 | 09/17/2018 | 09/21/2018 | IP 71114.01 | 000716 | Exercise Evaluation | |
| 1 | 09/17/2018 | 09/21/2018 | IP 71151 | 001397 | Performance Indicator Verification | |
| RADIATION PROTECTION BASELINE INSPECTION | | | | | | 1 |
| 1 | 10/29/2018 | 11/02/2018 | IP 71124.05 | 000729 | Radiation Monitoring Instrumentation | |
| SECURITY BASELINE INSPECTION | | | | | | 2 |
| 1 | 11/05/2018 | 11/09/2018 | IP 71130.04 | 000736 | Equipment Performance, Testing, and Maintenance | |
| ISFSI Program Review Inspection 4Q2018 | | | | | | 1 |
| 1 | 11/12/2018 | 11/16/2018 | IP 60855.1 | 000590 | Operation of an Independent Spent Fuel Storage Installation at Operating Plants | |
| BIENNIAL REQUAL PROGRAM INSPECTION | | | | | | 2 |
| 1 | 12/03/2018 | 12/07/2018 | IP 71111.11B | 000704 | Licensed Operator Requalification Program and Licensed Operator Performance (Biennial) | |
| 2019 PERRY Exam | | | | | | 5 |
| 1 | 01/06/2019 | 01/12/2019 | OV | 000956 | VALIDATION OF INITIAL LICENSE EXAMINATION (OV) | |
| 1 | 02/10/2019 | 02/23/2019 | EXAD | 000500 | LICENSE EXAM ADMINISTRATION (EXAD) | |
| RADIATION PROTECTION BASELINE INSPECTION | | | | | | 1 |
| 1 | 03/04/2019 | 03/08/2019 | IP 71124.08 | 000732 | Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation | |
| INSERVICE INSPECTION | | | | | | 1 |
| 1 | 03/11/2019 | 03/22/2019 | IP 71111.08G | 000701 | Inservice Inspection Activities (BWR) | |
| SECURITY BASELINE INSPECTION | | | | | | 1 |
| 1 | 03/11/2019 | 03/15/2019 | IP 71130.02 | 000734 | Access Control | |
| 1 | 03/11/2019 | 03/15/2019 | IP 71130.14 | 000743 | Review of Power Reactor Target Sets | |
| RADIATION PROTECTION BASELINE INSPECTION | | | | | | 2 |
| 1 | 03/25/2019 | 03/29/2019 | IP 71124.01 | 000725 | Radiological Hazard Assessment and Exposure Controls | |

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

Perry

09/01/2018 - 06/30/2020

| Unit | Start | End | Activity | CAC | Title | Staff Count |
|---|------------|------------|--------------|--------|--|-------------|
| RADIATION PROTECTION BASELINE INSPECTION | | | | | | 2 |
| 1 | 03/25/2019 | 03/29/2019 | IP 71124.02 | 000726 | Occupational ALARA Planning and Controls | |
| EP BASELINE INSPECTION / PI VERIFICATION | | | | | | 1 |
| 1 | 06/17/2019 | 06/21/2019 | IP 71114.02 | 000717 | Alert and Notification System Testing | |
| 1 | 06/17/2019 | 06/21/2019 | IP 71114.03 | 000718 | Emergency Response Organization Staffing and Augmentation System | |
| 1 | 06/17/2019 | 06/21/2019 | IP 71114.05 | 000720 | Correction of Emergency Preparedness Weaknesses and Deficiencies | |
| 1 | 06/17/2019 | 06/21/2019 | IP 71151 | 001397 | Performance Indicator Verification | |
| RADIATION PROTECTION BASELINE INSPECTION | | | | | | 2 |
| 1 | 07/22/2019 | 07/26/2019 | IP 71124.06 | 000730 | Radioactive Gaseous and Liquid Effluent Treatment | |
| 1 | 07/22/2019 | 07/26/2019 | IP 71124.07 | 000731 | Radiological Environmental Monitoring Program | |
| Triennial 50.59 Inspection | | | | | | 3 |
| 1 | 08/12/2019 | 08/16/2019 | IP 71111.17T | 000709 | Evaluations of Changes, Tests, and Experiments | |
| FORCE-ON-FORCE PLANNING AND EXERCISES | | | | | | 8 |
| 1 | 08/26/2019 | 08/30/2019 | IP 71130.03 | 000735 | Contingency Response - Force-On-Force Testing | |
| 1 | 09/16/2019 | 09/20/2019 | IP 71130.03 | 000735 | Contingency Response - Force-On-Force Testing | |
| SECURITY BASELINE INSPECTION | | | | | | 1 |
| 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 | |
| BIENNIAL PI&R TEAM INSPECTION | | | | | | 4 |
| 1 | 10/21/2019 | 11/08/2019 | IP 71152B | 000747 | Problem Identification and Resolution | |
| RADIATION PROTECTION BASELINE INSPECTION | | | | | | 1 |
| 1 | 10/28/2019 | 11/01/2019 | IP 71124.02 | 000726 | Occupational ALARA Planning and Controls | |
| 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 | |
| RP Baseline Inspection | | | | | | 1 |
| 1 | 03/16/2020 | 03/20/2020 | IP 71124.01 | 000725 | Radiological Hazard Assessment and Exposure Controls | |

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Perry

09/01/2018 - 06/30/2020

| 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) | |
| RP 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 | 000729 | Occupational Dose Assessment | |
| SECURITY BASELINE INSPECTION | | | | | | 1 |
| 1 | 06/01/2020 | 06/05/2020 | IP 71130.04 | 000736 | Equipment Performance, Testing, and Maintenance | |