**UNITED STATES**
**NUCLEAR REGULATORY COMMISSION**
**REGION I**
**2100 RENAISSANCE BLVD.**
**KING OF PRUSSIA, PA 19406-2713**

August 28, 2018

Mr. Bryan Hanson
Senior Vice President, Exelon Generation
President and Chief Nuclear Officer, Exelon Nuclear
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: THREE MILE ISLAND STATION, UNIT 1 UPDATED INSPECTION PLAN
INSPECTION REPORT 05000289/2018005

Dear Mr. Hanson:

The enclosed inspection plan lists the inspections scheduled through June 30, 2020, for Three Mile Island 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 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 610-337-5205 with any questions you have regarding this letter.

Sincerely,

***/RA/***

Matthew R. Young, Chief
Reactor Projects Branch 6
Division of Reactor Projects

Docket No. 50-289
License No. DPR-50

Enclosure:
TMI Inspection Plan

cc: Distribution via ListServ

SUBJECT: THREE MILE ISLAND STATION, UNIT 1 UPDATED INSPECTION PLAN INSPECTION REPORT 05000289/2018005 DATED AUGUST 28, 2018

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# IP 22 Inspection Activity Plan Report

## Three Mile Island

07/01/2018 - 06/30/2020

| Unit | Start | End | Activity | CAC | Title | Staff Count |
|---|---|---|---|---|---|---|
| **ACCESS CONTROL, EQUIP PERF, TRAINING** | | | | | | 3 |
| 1 | 08/20/2018 | 08/24/2018 | IP 71130.02 | 000734 | Access Control | |
| 1 | 08/20/2018 | 08/24/2018 | IP 71130.04 | 000736 | Equipment Performance, Testing, and Maintenance | |
| 1 | 08/20/2018 | 08/24/2018 | IP 71130.07 | 000739 | Security Training | |
| 1 | 08/20/2018 | 08/24/2018 | IP 71151 | 001338 | Performance Indicator Verification | |
| 1 | 08/20/2018 | 08/24/2018 | IP 71152 | 001339 | Problem Identification and Resolution | |
| **RAD INSTRUMENTATION** | | | | | | 1 |
| 1 | 08/27/2018 | 08/31/2018 | IP 71124.05 | 000729 | Radiation Monitoring Instrumentation | |
| **FORCE-ON-FORCE PLANNING & EXERCISE WEEK** | | | | | | 7 |
| 1 | 10/15/2018 | 10/19/2018 | IP 71130.03 | 000735 | Contingency Response - Force-On-Force Testing | |
| 1 | 11/05/2018 | 11/09/2018 | IP 71130.03 | 000735 | Contingency Response - Force-On-Force Testing | |
| **RAD SAFETY INSPECTION** | | | | | | 1 |
| 1 | 11/12/2018 | 11/16/2018 | IP 71124.01 | 000725 | Radiological Hazard Assessment and Exposure Controls | |
| 1 | 11/12/2018 | 11/16/2018 | IP 71124.02 | 000726 | Occupational ALARA Planning and Controls | |
| 1 | 11/12/2018 | 11/16/2018 | IP 71124.03 | 000727 | In-Plant Airborne Radioactivity Control and Mitigation | |
| 1 | 11/12/2018 | 11/16/2018 | IP 71124.04 | 000728 | Occupational Dose Assessment | |
| 1 | 11/12/2018 | 11/16/2018 | IP 71151 | 000746 | Performance Indicator Verification | |
| **RAD SAFETY 01,02,03,04** | | | | | | 1 |
| 1 | 02/11/2019 | 02/15/2019 | IP 71124.01 | 000725 | Radiological Hazard Assessment and Exposure Controls | |
| 1 | 02/11/2019 | 02/15/2019 | IP 71124.02 | 000726 | Occupational ALARA Planning and Controls | |
| 1 | 02/11/2019 | 02/15/2019 | IP 71124.03 | 000727 | In-Plant Airborne Radioactivity Control and Mitigation | |
| 1 | 02/11/2019 | 02/15/2019 | IP 71124.04 | 000729 | Occupational Dose Assessment | |
| **ACCESS AUTH & CONTROL, SGI CONTROL, FFD** | | | | | | 3 |
| 1 | 02/25/2019 | 03/01/2019 | IP 71130.01 | 000733 | Access Authorization | |
| 1 | 02/25/2019 | 03/01/2019 | IP 71130.02 | 000734 | Access Control | |
| 1 | 02/25/2019 | 03/01/2019 | IP 71130.06 | 000738 | Protection of Safeguards Information | |
| 1 | 02/25/2019 | 03/01/2019 | IP 71130.08 | 000740 | Fitness For Duty Program | |
| 1 | 02/25/2019 | 03/01/2019 | IP 71151 | 001338 | Performance Indicator Verification | |

This report does not include INPO and OUTAGE activities.
This report shows only on-site and announced inspection procedures.



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# IP 22 Inspection Activity Plan Report

## Three Mile Island

07/01/2018 - 06/30/2020

| Unit | Start | End | Activity | CAC | Title | Staff Count |
|---|---|---|---|---|---|---|
| **TMI REQUAL INSP WITH P/F RESULTS** | | | | | | 2 |
| 1 | 03/18/2019 | 03/22/2019 | IP 71111.11A | 000703 | Licensed Operator Requalification Program and Licensed Operator Performance (Annual) | |
| 1 | 03/18/2019 | 03/22/2019 | IP 71111.11B | 000704 | Licensed Operator Requalification Program and Licensed Operator Performance (Biennial) | |
| **Radwaste** | | | | | | 1 |
| 1 | 03/18/2019 | 03/22/2019 | IP 71124.08 | 000732 | Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation | |
| **EP EXERCISE INSPECTION** | | | | | | 5 |
| 1 | 05/06/2019 | 05/10/2019 | IP 71114.01 | 000716 | Exercise Evaluation | |
| 1 | 05/06/2019 | 05/10/2019 | IP 71151 | 001397 | Performance Indicator Verification | |
| **TMI INITIAL OL EXAM** | | | | | | 5 |
| 1 | 05/13/2019 | 05/17/2019 | OV | 000956 | VALIDATION OF INITIAL LICENSE EXAMINATION (OV) | |
| 1 | 06/10/2019 | 06/14/2019 | EXAD | 000500 | LICENSE EXAM ADMINISTRATION (EXAD) | |
| **RAD SAFETY REMP** | | | | | | 1 |
| 1 | 06/10/2019 | 06/14/2019 | IP 71124.07 | 000731 | Radiological Environmental Monitoring Program | |
| 1 | 06/10/2019 | 06/14/2019 | IP 71151 | 000746 | Performance Indicator Verification | |
| **Triennial Heat Sink** | | | | | | 1 |
| 1 | 06/17/2019 | 06/21/2019 | IP 71111.07T | 000700 | Heat Sink Performance -Triennial | |
| **50.59 PROCESS** | | | | | | 3 |
| 1 | 07/15/2019 | 07/19/2019 | IP 71111.17T | 000709 | Evaluations of Changes, Tests, and Experiments | |
| **Inservice Inspection** | | | | | | 1 |
| 1 | 09/30/2019 | 10/11/2019 | IP 71111.08P | 000702 | Inservice Inspection Activities - PWR | |
| **RAD SAFETY OUT 01,02,03,04** | | | | | | 1 |
| 1 | 09/30/2019 | 10/04/2019 | IP 71124.01 | 000725 | Radiological Hazard Assessment and Exposure Controls | |
| 1 | 09/30/2019 | 10/04/2019 | IP 71124.02 | 000726 | Occupational ALARA Planning and Controls | |
| 1 | 09/30/2019 | 10/04/2019 | IP 71124.03 | 000727 | In-Plant Airborne Radioactivity Control and Mitigation | |
| 1 | 09/30/2019 | 10/04/2019 | IP 71124.04 | 000729 | Occupational Dose Assessment | |

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This report shows only on-site and announced inspection procedures.

# IP 22 Inspection Activity Plan Report

## Three Mile Island

07/01/2018 - 06/30/2020

| Unit | Start | End | Activity | CAC | Title | Staff Count |
|---|---|---|---|---|---|---|
| **EQ PROGRAM** | | | | | | 3 |
| 1 | 11/04/2019 | 11/08/2019 | IP 71111.21N | 000714 | Design Bases Assurance Inspection (Programs) | |
| 1 | 11/18/2019 | 11/22/2019 | IP 71111.21N | 000714 | Design Bases Assurance Inspection (Programs) | |
| **RAD SAFETY 01,02,03,04** | | | | | | 1 |
| 1 | 11/18/2019 | 11/22/2019 | IP 71124.01 | 000725 | Radiological Hazard Assessment and Exposure Controls | |
| 1 | 11/18/2019 | 11/22/2019 | IP 71124.02 | 000726 | Occupational ALARA Planning and Controls | |
| 1 | 11/18/2019 | 11/22/2019 | IP 71124.03 | 000727 | In-Plant Airborne Radioactivity Control and Mitigation | |
| 1 | 11/18/2019 | 11/22/2019 | IP 71124.04 | 000729 | Occupational Dose Assessment | |
| 1 | 11/18/2019 | 11/22/2019 | IP 71151 | 000746 | Performance Indicator Verification | |
| **Rad Safety Insp** | | | | | | 1 |
| 1 | 01/06/2020 | 01/10/2020 | IP 71124.01 | 000725 | Radiological Hazard Assessment and Exposure Controls | |
| 1 | 01/06/2020 | 01/10/2020 | IP 71124.02 | 000726 | Occupational ALARA Planning and Controls | |
| 1 | 01/06/2020 | 01/10/2020 | IP 71124.03 | 000727 | In-Plant Airborne Radioactivity Control and Mitigation | |
| 1 | 01/06/2020 | 01/10/2020 | IP 71124.04 | 000729 | Occupational Dose Assessment | |
| **PI&R Biennial Team Inspection** | | | | | | 4 |
| 1 | 01/20/2020 | 01/24/2020 | IP 71152B | 000747 | Problem Identification and Resolution | |
| 1 | 02/10/2020 | 02/14/2020 | IP 71152B | 000747 | Problem Identification and Resolution | |
| **THREE MILE ISLAND EP PROGRAM INSPECTION** | | | | | | 1 |
| 1 | 03/09/2020 | 03/13/2020 | IP 71114.02 | 000717 | Alert and Notification System Testing | |
| 1 | 03/09/2020 | 03/13/2020 | IP 71114.03 | 000718 | Emergency Response Organization Staffing and Augmentation System | |
| 1 | 03/09/2020 | 03/13/2020 | IP 71114.05 | 000720 | Correction of Emergency Preparedness Weaknesses and Deficiencies | |
| 1 | 03/09/2020 | 03/13/2020 | IP 71151 | 001397 | Performance Indicator Verification | |
| **Rad Safety RETS** | | | | | | 1 |
| 1 | 03/23/2020 | 03/27/2020 | IP 71124.06 | 000730 | Radioactive Gaseous and Liquid Effluent Treatment | |
| 1 | 03/23/2020 | 03/27/2020 | IP 71151 | 000746 | Performance Indicator Verification | |
| **TRIENNIAL FIRE PROTECTION** | | | | | | 4 |
| 1 | 05/04/2020 | 05/08/2020 | IP 71111.05T | 000696 | Fire Protection (Triennial) | |
| 1 | 05/18/2020 | 05/22/2020 | IP 71111.05T | 000696 | Fire Protection (Triennial) | |

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This report shows only on-site and announced inspection procedures.



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