



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

August 28, 2019

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 05000289/2019005

Dear Mr. Hanson:

The enclosed inspection plan lists the inspections scheduled through June 30, 2021, 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.

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.

In a letter (ML17171A151) dated June 20, 2017, pursuant to 10 CFR 50.82(a)(1)(i), you notified the NRC of your intent to permanently cease power operations at Three Mile Island Station, Unit 1 no later than September 30, 2019. Therefore, the inspection schedule is tentative and may be revised. Once you formally notify the NRC in accordance with 10 CFR 50.82(a)(1)(ii) that Three Mile Island Station, Unit 1 is permanently shut down and that all the nuclear fuel has been removed from the reactor vessel, then Three Mile Island Station, Unit 1 will transition from NRC IMC 0305, "Operating Reactor Assessment Program," and IMC 2515, "Light-Water Reactor Inspection Program – Operations Phase," to IMC 2561, "Decommissioning Power Reactor Inspection Program."

Finally, the Reactor Oversight Process and Inspection Program provides inherent flexibility to permit inspection sampling adjustments using IMC 2515, Appendix G, "Baseline Inspection Guidance for Power Reactors Preparing for Transition to Decommissioning Phase." These adjustments are to be made in order to better inform our assessment of performance during this unique period of operations prior to permanent plant shutdown. In addition, the NRC will be implementing quarterly assessment reviews, consistent with the guidance contained in IMC 0305, "Operating Reactor Assessment Program," in order to more closely monitor and

review overall plant activities to assure that there are no issues emerging that might indicate a decline in focus on the safe operation of the facility.

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 05000289/2019005 DATED AUGUST 28, 2019

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OFFICIAL RECORD COPY

# IP 22 Inspection Activity Plan Report

## Three Mile Island

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>Inservice Inspection</b>						1
1	09/22/2019	10/05/2019	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
<b>RAD SAFETY OUT 01,02,03,04</b>						1
1	09/23/2019	09/27/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	09/23/2019	09/27/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	09/23/2019	09/27/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	09/23/2019	09/27/2019	IP 71124.04	000728	Occupational Dose Assessment	
1	09/23/2019	09/27/2019	IP 71151	000746	Performance Indicator Verification	
<b>EQ PROGRAM</b>						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)	
<b>RAD SAFETY 01,02,03,04</b>						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	000728	Occupational Dose Assessment	
1	11/18/2019	11/22/2019	IP 71151	000746	Performance Indicator Verification	
<b>Rad Safety Insp</b>						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	000728	Occupational Dose Assessment	
<b>PI&amp;R Biennial Team Inspection</b>						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	
<b>THREE MILE ISLAND EP PROGRAM INSPECTION</b>						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	Maintenance of Emergency Preparedness	
1	03/09/2020	03/13/2020	IP 71151	001397	Performance Indicator Verification	

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

## Three Mile Island

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>Rad Safety RETS</b>						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	
<b>TRIENNIAL FIRE PROTECTION</b>						4
1	05/04/2020	05/08/2020	IP 71111.05T	000696	Fire Protection	
1	05/18/2020	05/22/2020	IP 71111.05T	000696	Fire Protection	
<b>Material Control and Accountability</b>						1
1	06/01/2020	06/05/2020	IP 71130.11	000742	Material Control and Accounting (MC&A)	
<b>Rad Safety Rad Insts</b>						1
1	07/06/2020	07/10/2020	IP 71124.05	000729	Radiation Monitoring Instrumentation	
<b>CYBER FULL IMP</b>						4
1	10/19/2020	10/23/2020	IP 71130.10P	000741	Cyber Security	
1	11/02/2020	11/06/2020	IP 71130.10P	000741	Cyber Security	
<b>Rad Safety Insp</b>						1
1	12/14/2020	12/18/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	12/14/2020	12/18/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	12/14/2020	12/18/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	12/14/2020	12/18/2020	IP 71124.04	000728	Occupational Dose Assessment	
1	12/14/2020	12/18/2020	IP 71151	000746	Performance Indicator Verification	
<b>TMI Requal Inspection with P/F Results</b>						2
1	03/15/2021	03/19/2021	IP 71111.11A	000703	Licensed Operator Requalification Program and Licensed Operator Performance	
1	03/15/2021	03/19/2021	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
<b>FY21 TMI Initial Examination</b>						4
1	04/18/2021	04/24/2021	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1	05/16/2021	05/29/2021	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	