



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION I
2100 RENAISSANCE BOULEVARD, SUITE 100
KING OF PRUSSIA, PA 19406-2713

February 28, 2018

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

SUBJECT: ANNUAL ASSESSMENT LETTER FOR THREE MILE ISLAND STATION
UNIT 1 (REPORTS 05000289/2017006 AND 05000289/2017402 AND
05000289/2017501)

Dear Mr. Hanson:

The NRC has completed its end-of-cycle performance assessment of Three Mile Island, Unit 1, reviewing performance indicators (PIs), inspection results, and enforcement actions from January 1, 2017, through December 31, 2017. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility. The NRC concluded that overall performance at your facility preserved public health and safety.

The NRC determined the performance at Three Mile Island, Unit 1, during the most recent quarter was within the Licensee Response Column (Column 1) of the NRC's Reactor Oversight Process (ROP) Action Matrix in Inspection Manual Chapter 0305, "Operating Reactor Assessment Program," because all inspection findings had very low safety significance (i.e., Green), and all PIs were within the expected range (i.e., Green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through December 31, 2019. This updated inspection plan now includes planned security inspections which were formerly transmitted under separate correspondence. 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's Website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

B. Hanson

2

Please contact me at 610-337-5205 with any questions you may 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:
Inspection/ActivityPlan

SUBJECT: ANNUAL ASSESSMENT LETTER FOR THREE MILE ISLAND STATION
UNIT 1 (REPORTS 05000289/2017006, 05000289/2017402
AND 05000289/2017501) DATED FEBRUARY 28, 2018

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OFFICE	RI/DRP	RI/DRP			
NAME	SShaffer	MYoung			
DATE	2/28/18	2/28/18			

OFFICIAL RECORD COPY

IP 22 Inspection Activity Plan Report

Three Mile Island

01/01/2018 - 12/31/2019

Unit	Start	End	Activity	CAC	Title	Staff Count
RAD SAFETY INSP						1
1	02/12/2018	02/16/2018	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1	02/12/2018	02/16/2018	IP 71151	000746	Performance Indicator Verification	
EP PROGRAM INSPECTION						1
1	03/05/2018	03/09/2018	IP 71114.02	000717	Alert and Notification System Testing	
1	03/05/2018	03/09/2018	IP 71114.03	000718	Emergency Preparedness Organization Staffing and Augmentation System	
1	03/05/2018	03/09/2018	IP 71114.05	000720	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1	03/05/2018	03/09/2018	IP 71151	001397	Performance Indicator Verification	
DBAI - Team						6
1	03/12/2018	03/16/2018	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
1	03/26/2018	03/30/2018	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
PI&R BIENNIAL						1
1	04/30/2018	05/04/2018	IP 71152B	000747	Problem Identification and Resolution	
1	05/14/2018	05/18/2018	IP 71152B	000747	Problem Identification and Resolution	
RAD SAFETY INSP						1
1	06/11/2018	06/15/2018	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	06/11/2018	06/15/2018	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	06/11/2018	06/15/2018	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	06/11/2018	06/15/2018	IP 71124.04	000729	Occupational Dose Assessment	
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	
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	

This report does not include INPO and OUTAGE activities.

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

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RAD SAFETY INSPECTION						1
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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	000729	Occupational Dose Assessment	
1	11/12/2018	11/16/2018	IP 71151	000746	Performance Indicator Verification	
EQ PROGRAM						3
1	01/28/2019	02/01/2019	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
1	02/11/2019	02/15/2019	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
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	
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	
CYBER MS8						2
1	04/22/2019	04/26/2019	IP 71130.10P	000741	Cyber Security	

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CYBER MS8						2
1	05/06/2019	05/10/2019	IP 71130.10P	000741	Cyber Security	
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	05/06/2019	05/10/2019	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 71111.04	000692	Equipment Alignment - 02.01 Partial Walkdown (Quarterly)	
INSERVICE INSPECTION						1
1	09/23/2019	10/04/2019	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	
RAD SAFETY 01,02,03,04						1
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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	
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