



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

March 1, 2017

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

SUBJECT: ANNUAL ASSESSMENT LETTER FOR THREE MILE ISLAND
NUCLEAR STATION, UNIT 1 (REPORT 05000289/2016006)

Dear Mr. Hanson:

The U.S. Nuclear Regulatory Commission (NRC) has completed its end-of-cycle performance assessment of Three Mile Island Nuclear Station, Unit 1, reviewing performance indicators (PIs), inspection results, and enforcement actions from January 1, 2016, through December 31, 2016. 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 Nuclear Station, Unit 1, during the most recent quarter was within the Licensee Response Column 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 Three Mile Island Nuclear Station, Unit 1.

The enclosed inspection plan lists the inspections scheduled through December 31, 2018. 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. This inspection plan does not include the plan for security-related inspections, which will be sent via separate, non-publicly available correspondence.

In addition to normal baseline inspections, the NRC will be performing TI-192, "Inspection of the Licensee's Interim Compensatory Measures Associated with the Open Phase Condition Design Vulnerabilities in Electric Power Systems."

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) 337-5046 with any questions you have regarding this letter.

Sincerely,

/RA/

Silas R. Kennedy, Chief
Projects Branch 6
Division of Reactor Projects

Docket Nos. 50-289
License Nos. DPR-50

Enclosure:
Three Mile Island Nuclear Station
Inspection/Activity Plan

SUBJECT: ANNUAL ASSESSMENT LETTER FOR THREE MILE ISLAND
 NUCLEAR STATION, UNIT 1 (REPORT 05000289/2016006)
 DATED MARCH 1, 2017

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Three Mile Island
Inspection / Activity Plan
01/01/2017 - 12/31/2018

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			6/26EXAM - TMI INITIAL OL EXAM		4
1	05/29/2017	06/02/2017	U01944	FY17-TMI INITIAL OPERATOR LICENSING EXAM	
1	06/26/2017	07/07/2017	U01944	FY17-TMI INITIAL OPERATOR LICENSING EXAM	
			7111105T - TRIENNIAL FIRE PROTECTION		5
1	01/23/2017	01/27/2017	IP 7111105T	Fire Protection [Triennial]	
1	02/06/2017	02/10/2017	IP 7111105T	Fire Protection [Triennial]	
			7111111B - TMI REQUAL INSP WITH P/F RESULTS		2
1	03/13/2017	03/17/2017	IP 7111111A	Licensed Operator Requalification Program - Annual Review	
1	03/13/2017	03/17/2017	IP 7111111B	Licensed Operator Requalification Program	
			71124 - HP INSPECTION		1
1	02/13/2017	02/17/2017	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	02/13/2017	02/17/2017	IP 71124.02	Occupational ALARA Planning and Controls	
1	02/13/2017	02/17/2017	IP 71124.04	Occupational Dose Assessment	
1	02/13/2017	02/17/2017	IP 71124.05	Radiation Monitoring Instrumentation	
			EP - EP EXERCISE EVALUATION		4
1	04/10/2017	04/14/2017	IP 7111401	Exercise Evaluation	
1	04/10/2017	04/14/2017	IP 71151	Performance Indicator Verification	
			71124 - REMP		1
1	08/28/2017	09/01/2017	IP 71124.07	Radiological Environmental Monitoring Program	
1	08/28/2017	09/01/2017	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
			71124.08 - RADWASTE		1
1	09/11/2017	09/15/2017	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			71124 - HP INSPECTION		1
1	09/25/2017	09/29/2017	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	09/25/2017	09/29/2017	IP 71124.02	Occupational ALARA Planning and Controls	
1	09/25/2017	09/29/2017	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	09/25/2017	09/29/2017	IP 71124.04	Occupational Dose Assessment	
			7111108P - INSERVICE INSPECTION		1
1	09/25/2017	10/06/2017	IP 7111108P	Inservice Inspection Activities - PWR	
			71124 - HP INSPECTION		1
1	11/13/2017	11/17/2017	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	11/13/2017	11/17/2017	IP 71124.02	Occupational ALARA Planning and Controls	
1	11/13/2017	11/17/2017	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	

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

Three Mile Island
Inspection / Activity Plan
01/01/2017 - 12/31/2018

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			71124 - HP INSPECTION		1
1	11/13/2017	11/17/2017	IP 71124.04	Occupational Dose Assessment	
1	11/13/2017	11/17/2017	IP 71151-OR01	Occupational Exposure Control Effectiveness	
			EP - EP PROGRAM INSPECTION		1
1	03/05/2018	03/09/2018	IP 7111402	Alert and Notification System Testing	
1	03/05/2018	03/09/2018	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	03/05/2018	03/09/2018	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1	03/05/2018	03/09/2018	IP 71151	Performance Indicator Verification	
			71124 - RAD SAFETY INSP		1
1	02/12/2018	02/16/2018	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1	02/12/2018	02/16/2018	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
			7111121M - DESIGN BASES ASSURANCE INSPECTION (TEAM)		6
1	03/12/2018	03/16/2018	IP 7111121M	Component Design Bases Inspection (Teams)	
1	03/26/2018	03/30/2018	IP 7111121M	Component Design Bases Inspection (Teams)	
			71152B - PI&R BIENNIAL		1
1	04/30/2018	05/04/2018	IP 71152B	Problem Identification and Resolution	
1	05/14/2018	05/18/2018	IP 71152B	Problem Identification and Resolution	
			71124 - RAD SAFETY INSP		1
1	06/11/2018	06/15/2018	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	06/11/2018	06/15/2018	IP 71124.02	Occupational ALARA Planning and Controls	
1	06/11/2018	06/15/2018	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	06/11/2018	06/15/2018	IP 71124.04	Occupational Dose Assessment	
			71124 - RAD INSTRUMENTATION		1
1	09/10/2018	09/14/2018	IP 71124.05	Radiation Monitoring Instrumentation	
			71124 - RAD SAFETY INSPECTION		1
1	11/12/2018	11/16/2018	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	11/12/2018	11/16/2018	IP 71124.02	Occupational ALARA Planning and Controls	
1	11/12/2018	11/16/2018	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	11/12/2018	11/16/2018	IP 71124.04	Occupational Dose Assessment	
1	11/12/2018	11/16/2018	IP 71151-OR01	Occupational Exposure Control Effectiveness	

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