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

March 4, 2015

Mr. Bryan 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 05000289/2014001)

Dear Mr. Hanson:

On February 12, 2015, the U.S. Nuclear Regulatory Commission (NRC) completed its end-of-cycle performance review of Three Mile Island Nuclear Station, Unit 1. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from January 1, 2014, through December 31, 2014. 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 determined that overall, Three Mile Island Nuclear Station, Unit 1 operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at Three Mile Island Nuclear Station, Unit 1 during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low (i.e., green) safety significance, and all PIs indicated that your performance was within the nominal, 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 June 30, 2016. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the mid-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. 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 security-related inspections, which will be sent via separate, non-publicly available correspondence.

Additionally, an NRC audit of licensee efforts towards compliance with Order EA-12-049, "Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events," and Order EA-12-051, "Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation," is ongoing for various sites. The audit includes an onsite visit for the NRC staff to evaluate mitigating strategies as described in the licensee submittals, and to receive and review information relative to associated open items. This onsite audit will occur prior to the first unit at the site achieving compliance with the Orders and the

audit will aid NRC staff in developing a final Safety Evaluation for the site. The audit at your site has been scheduled for the week of August 10, 2015. A site-specific audit plan for the visit will be provided in advance to allow sufficient time for preparations.

In accordance with Title 10 of the *Code of Federal Regulations*, Part 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 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) 337-5046 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

cc w/encl: Distribution via ListServ

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Three Mile Island
Inspection / Activity Plan
01/01/2015 - 06/30/2016

Unit Number	Planned Dates Start	End	Inspection Activity	Title	No. of Staff on Site
			CDBI	**- COMPONENT DESIGN BASIS INSPECTION**	**8**
1	01/26/2015	01/30/2015	IP 7111121	Component Design Bases Inspection	
1	02/09/2015	02/13/2015	IP 7111121	Component Design Bases Inspection	
1	02/23/2015	02/27/2015	IP 7111121	Component Design Bases Inspection	
			7111111B	**- REQUAL INSP W/ P/F RESULTS**	**2**
1	03/16/2015	03/20/2015	IP 7111111B	Licensed Operator Requalification Program	
			EP	**- EP EXERCISE**	**5**
1	04/13/2015	04/17/2015	IP 7111401	Exercise Evaluation	
1	04/13/2015	04/17/2015	IP 7111408	Exercise Evaluation – Scenario Review	
			71124	**- RAD SAFETY INSP**	**1**
1	05/11/2015	05/15/2015	IP 71124.02	Occupational ALARA Planning and Controls	
1	05/11/2015	05/15/2015	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	05/11/2015	05/15/2015	IP 71124.04	Occupational Dose Assessment	
1	05/11/2015	05/15/2015	IP 71124.05	Radiation Monitoring Instrumentation	
			10/12EXM	**- INITIAL OL EXAM**	**4**
1	08/31/2015	09/04/2015	U01913	FY16-TMI INITIAL OPERATOR LICENSING EXAM	
1	09/28/2015	10/07/2015	U01913	FY16-TMI INITIAL OPERATOR LICENSING EXAM	
			71124.07	**- RAD SAFETY INSPECTION**	**1**
1	06/08/2015	06/12/2015	IP 71124.07	Radiological Environmental Monitoring Program	
1	06/08/2015	06/12/2015	IP 71151	Performance Indicator Verification	
			71124	**- RAD SAFETY INSPECTION**	**1**
1	08/24/2015	08/28/2015	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	08/24/2015	08/28/2015	IP 71124.02	Occupational ALARA Planning and Controls	
1	08/24/2015	08/28/2015	IP 71124.04	Occupational Dose Assessment	
			71124.08	**- RADWASTE**	**1**
1	09/14/2015	09/18/2015	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			71124	**- RAD SAFETY INSPECTION**	**1**
1	11/02/2015	11/06/2015	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	11/02/2015	11/06/2015	IP 71124.02	Occupational ALARA Planning and Controls	
1	11/02/2015	11/06/2015	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	11/02/2015	11/06/2015	IP 71124.04	Occupational Dose Assessment	
1	11/02/2015	11/06/2015	IP 71151	Performance Indicator Verification	
			7111108P	**- INSERVICE INSPECTION**	**1**
1	11/02/2015	11/13/2015	IP 7111108P	Inservice Inspection Activities - PWR	

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
01/01/2015 - 06/30/2016

Unit Number	Planned Dates Start	End	Inspection Activity	Title	No. of Staff on Site
			7111117T	**- PERMANENT PLANT MODIFICATIONS**	**3**
1	01/25/2016	01/29/2016	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
1	02/08/2016	02/12/2016	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
			71124	**- RAD SAFETY INSPECTION**	**1**
1	02/08/2016	02/12/2016	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1	02/08/2016	02/12/2016	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
			EP	**- EP PROGRAM INSPECTION**	**1**
1	04/11/2016	04/15/2016	IP 7111402	Alert and Notification System Testing	
1	04/11/2016	04/15/2016	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	04/11/2016	04/15/2016	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
			71124	**- RAD SAFETY INSPECTION**	**1**
1	05/16/2016	05/20/2016	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	05/16/2016	05/20/2016	IP 71124.02	Occupational ALARA Planning and Controls	
1	05/16/2016	05/20/2016	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	05/16/2016	05/20/2016	IP 71124.04	Occupational Dose Assessment	