



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

September 1, 2011

Mr. Michael J. Pacilio
Senior Vice President, Exelon Generation Company, LLC
President and Chief Nuclear Officer, Exelon Nuclear
4300 Winfield Rd.
Warrenville, IL 60555

SUBJECT: MID-CYCLE LETTER FOR THREE MILE ISLAND NUCLEAR STATION, UNIT 1
(REPORT 05000289/2011006)

Dear Mr. Pacilio:

On August 9, 2011, the NRC completed its mid-cycle performance review of the 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 July 1, 2010 through June 30, 2011. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility. This performance review and enclosed inspection plan do not include security information. A separate letter will include the NRC's assessment of your performance in the Security Cornerstone and its security-related inspection plan.

The NRC determined the performance at Three Mile Island, 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 December 31, 2012. 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 end-of-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.

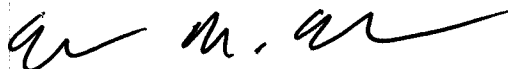
In the days following the Fukushima Daiichi nuclear accident in Japan, the Commission directed the staff to establish a senior-level agency task force to conduct a methodical and systematic review of the NRC's processes and regulations to determine whether the agency should make additional improvements to its regulatory system. The NRC has since completed Temporary Instruction (TI) 183, "Follow-up to Fukushima Daiichi Nuclear Station Fuel Damage Event," and TI-184, "Availability and Readiness Inspection of Severe Accident Management Guidelines (SAMGs)" at your facility. Results of these inspections can be found here: <http://www.nrc.gov/japan/japan-activities.html>. Additionally, on May 11, 2011, the agency issued NRC Bulletin 2011-01, "Mitigating Strategies," to confirm compliance with Order EA-02-026, subsequently imposed license conditions, and 10 CFR 50.54(hh)(2), and to

determine the status of licensee mitigating strategies programs. On July 12, 2011, the NRC's Task Force made its recommendations to the Commission in its report, "Recommendations for Enhancing Reactor Safety in the 21st Century: The Near-Term Task Force Review of Insights from the Fukushima Daiichi Accident." The NRC is currently reviewing the Task Force's recommendations to determine what additional actions may be warranted.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made 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 610-337-5046 with any questions you have regarding this letter.

Sincerely,



Eugene M. DiPaolo, Acting Chief
Projects Branch 6
Division of Reactor Projects

Docket Nos.: 50- 289

License Nos: DPR-16

Enclosure: Inspection Plan

cc w/encl: Distribution via ListServ

determine the status of licensee mitigating strategies programs. On July 12, 2011, the NRC's Task Force made its recommendations to the Commission in its report, "Recommendations for Enhancing Reactor Safety in the 21st Century: The Near-Term Task Force Review of Insights from the Fukushima Daiichi Accident." The NRC is currently reviewing the Task Force's recommendations to determine what additional actions may be warranted.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made 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 610-337-5046 with any questions you have regarding this letter.

Sincerely,
IRA
Eugene M. DiPaolo, Acting Chief
Projects Branch 6
Division of Reactor Projects

Docket Nos.: 50- 289
License Nos: DPR-16
Enclosure: Inspection Plan
cc w/encl: Distribution via ListServ

Distribution w/encl:

- W. Dean, RA
- D. Lew, DRA
- D. Roberts, DRP
- J. Clifford, DRP
- C. Miller, DRS
- P. Wilson, DRS
- E. DiPaolo, DRP
- G. Barber, DRP
- C. Newport, DRP
- N. Lafferty, DRP
- A. Dugandzic, DRP
- J. McHale, RI OEDO
- D. Werkheiser, DRP, SRI

- J. Heinly, DRP, RI
- C. LaRegina, DRP, OA
- DRS Branch Chiefs (6)
- N. McNamara, RI, SLO
- D. Tiff, RI, SLO
- D. Scenci, RI, PAO
- N. Sheehan, RI, PAO
- R. Barkley, RI, ORA
- RidsNrrPMThreeMileIsland Resource
- RidsNrrDorLpl1-2 Resource
- ROPreports Resources
- RidsNrrDirslpab Resource
- ROPassessment Resource

SUNSI Review Complete: CWN (Reviewer's Initials)

ML112420674

DOCUMENT NAME: S:\ROP-12 MID-CYCLE REVIEW\BRANCH 6\TMI\TMI ROP-12 MC COVER LTR.DOCX

After declaring this document "An Official Agency Record" it **will** be released to the Public.

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy

OFFICE <i>mmt</i>	RI/DRP	RI/DRP	
NAME	CNewport/CWN <i>(signature)</i>	EDiPaolo/ <i>(signature)</i>	
DATE	08/30 /11	09/01//11	

**Three Mile Island
Inspection / Activity Plan
07/01/2011 - 12/31/2012**

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			09/12EXM - OPERATOR LICENSING INITIAL EXAMS		4
1	08/01/2011	08/05/2011	U01829	FY11- THREE MILE ISLAND, INITIAL OL EXAM	
1	08/29/2011	09/09/2011	U01829	FY11- THREE MILE ISLAND, INITIAL OL EXAM	
			HP-71124 - ACCESS/ALARA/AIR/DOSE/INSTRUMENTS		2
1	08/08/2011	08/12/2011	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	08/08/2011	08/12/2011	IP 71124.02	Occupational ALARA Planning and Controls	
1	08/08/2011	08/12/2011	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	08/08/2011	08/12/2011	IP 71124.04	Occupational Dose Assessment	
1	08/08/2011	08/12/2011	IP 71124.05	Radiation Monitoring Instrumentation	
			HP-71124 - ACCESS/ALARA/AIR/DOSE/INSTRUMENTS		1
1	10/31/2011	11/04/2011	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	10/31/2011	11/04/2011	IP 71124.02	Occupational ALARA Planning and Controls	
1	10/31/2011	11/04/2011	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	10/31/2011	11/04/2011	IP 71124.04	Occupational Dose Assessment	
1	10/31/2011	11/04/2011	IP 71124.05	Radiation Monitoring Instrumentation	
			711108P - INSERVICE INSPECTION		1
1	10/31/2011	11/11/2011	IP 711108P	Inservice Inspection Activities - PWR	
			HP-71124 - ACCESS/ALARA/AIR/INSTRUMENTS/PI		1
1	12/05/2011	12/09/2011	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	12/05/2011	12/09/2011	IP 71124.02	Occupational ALARA Planning and Controls	
1	12/05/2011	12/09/2011	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	12/05/2011	12/09/2011	IP 71124.05	Radiation Monitoring Instrumentation	
1	12/05/2011	12/09/2011	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	12/05/2011	12/09/2011	IP 71151-PR01	RETS/ODCM Radiological Effluent	
			4/16EXAM - TMI INITIAL OL EXAM		3
1	03/19/2012	03/23/2012	U01847	FY12-TMI INITIAL OPERATOR LICENSING EXAM	
1	04/16/2012	04/20/2012	U01847	FY12-TMI INITIAL OPERATOR LICENSING EXAM	
			7111121 - CDBI		6
1	02/27/2012	03/02/2012	IP 7111121	Component Design Bases Inspection	
1	03/12/2012	03/16/2012	IP 7111121	Component Design Bases Inspection	
1	03/26/2012	03/30/2012	IP 7111121	Component Design Bases Inspection	
			EP PROGR - EP PROGRAM INSPECTION		1
1	03/12/2012	03/16/2012	IP 7111402	Alert and Notification System Testing	
1	03/12/2012	03/16/2012	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	

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
07/01/2011 - 12/31/2012

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
		EP PROGR - EP PROGRAM INSPECTION		1
1	03/12/2012 03/16/2012	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1	03/12/2012 03/16/2012	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
		HP-71124 - ACCESS/ALARA/AIR/DOSE		1
1	05/07/2012 05/11/2012	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	05/07/2012 05/11/2012	IP 71124.02	Occupational ALARA Planning and Controls	
1	05/07/2012 05/11/2012	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	05/07/2012 05/11/2012	IP 71124.04	Occupational Dose Assessment	
		INSP - OCC RAD/ALARA/AIRBORNE/DOSE ASSESS		1
1	05/07/2012 05/11/2012	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	05/07/2012 05/11/2012	IP 71124.02	Occupational ALARA Planning and Controls	
1	05/07/2012 05/11/2012	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	05/07/2012 05/11/2012	IP 71124.04	Occupational Dose Assessment	
		71152B - PI&R		4
1	05/07/2012 05/11/2012	IP 71152B	Problem Identification and Resolution	
1	05/21/2012 05/21/2012	IP 71152B	Problem Identification and Resolution	
		HP-71124 - ACCESS/ALARA/AIR/DOSE/INSTRUMENTS		1
1	08/06/2012 08/10/2012	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	08/06/2012 08/10/2012	IP 71124.02	Occupational ALARA Planning and Controls	
1	08/06/2012 08/10/2012	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	08/06/2012 08/10/2012	IP 71124.04	Occupational Dose Assessment	
1	08/06/2012 08/10/2012	IP 71124.05	Radiation Monitoring Instrumentation	
		HP-71124 - INST/EFFLUENTS/REMP		1
1	08/20/2012 08/24/2012	IP 71124.05	Radiation Monitoring Instrumentation	
1	08/20/2012 08/24/2012	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1	08/20/2012 08/24/2012	IP 71124.07	Radiological Environmental Monitoring Program	
		HP-71124 - ACCESS/ALARA/PI VERIF		1
1	11/26/2012 11/30/2012	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	11/26/2012 11/30/2012	IP 71124.02	Occupational ALARA Planning and Controls	
1	11/26/2012 11/30/2012	IP 71151-PR01	RETS/ODCM Radiological Effluent	

Comments:

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