



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, IL 60532-4352

March 5, 2012

Mr. Michael Pacilio
Senior Vice President, Exelon Generation Company, LLC
President and Chief Nuclear Officer (CNO), Exelon Nuclear
4300 Winfield Road
Warrenville, IL 60555

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR DRESDEN NUCLEAR POWER
STATION (REPORT 05000237/2011007 AND 05000249/2011007)**

Dear Mr. Pacilio:

On February 15, 2012, the NRC completed its end-of-cycle performance review of the Dresden Nuclear Power Station, Units 2 and 3. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from January 1, 2011, through December 31, 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 that overall, Dresden Nuclear Power Station, Units 2 and 3, operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at Dresden Nuclear Power Station, Unit 2, 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 NRC did not identify any cross-cutting themes or substantive cross-cutting issues. However, we understand that you are, partially in response to the events at the Japanese Fukushima Daiichi site in March 2011, reevaluating Dresden's strategy and response to potential flooding events. We are interested in the results from that reevaluation and request that you keep us advised of your schedule for completion of that effort and a schedule for any changes that may be needed to address issues identified by the reevaluation.

The enclosed inspection plan lists the inspections scheduled through June 30, 2013. The inspections scheduled include: Inspection Procedure (IP) 60855.1, "Operation of an Independent Spent Fuel Storage Installation at Operating Plants," IP 71111.17, "Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications," and IP 71111.21, "Component Design Basis Inspection." Routine inspections performed by resident inspectors are not included in the inspection plan.

M. Pacilio

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The inspections listed during the last 9 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.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter 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 Website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact me at 630-829-9833 with any questions you may have regarding this letter.

Sincerely,

/RA/

Jamnes L. Cameron, Chief
Branch 6
Division of Reactor Projects

Docket Nos. 50-237, 50-249 and 72-37
License Nos. DPR-19 and DPR-25

Enclosure: Dresden Nuclear Power Station Inspection/Activity Plan

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Dresden
Inspection / Activity Plan
01/01/2012 - 06/30/2013

Planned Dates		Inspection Activity	Title	No. of Staff on Site
Start	End			
		TI-177 - TI-2515/177 - GAS VOIDING IN ECCS PIPING		2
01/23/2012	02/10/2012	IP 2515/177	Managing Gas Accumulation In Emergency Core Cooling, Decay Heat Removal & Containment Spray System	
		TI-182 - TI-2515/182 PHASE I - BURIED PIPING		1
01/17/2012	01/19/2012	IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
01/23/2012	01/27/2012	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
01/23/2012	01/27/2012	IP 71124.04	Occupational Dose Assessment	
01/23/2012	01/27/2012	IP 71151-BI01	Reactor Coolant System Activity	
		BI EPR - EP ROUTINE INSPECTION / PI VERIFICATION		1
01/30/2012	02/03/2012	IP 7111402	Alert and Notification System Testing	
01/30/2012	02/03/2012	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
01/30/2012	02/03/2012	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
01/30/2012	02/03/2012	IP 71151	Performance Indicator Verification	
		BI MODS - TRIENNIAL PERM MODS/50.59		3
02/20/2012	03/09/2012	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
		BI PI&R - BIENNIAL PI&R INSPECTION		5
04/02/2012	04/20/2012	IP 71152B	Problem Identification and Resolution	
		BI OLRQ - BIENNIAL REQUAL PROGRAM INSPECTION		3
04/23/2012	04/27/2012	IP 7111111B	Licensed Operator Requalification Program	
		ISFSI - ISFSI INSPECTION - SCHEDULE DEPENDENT		1
05/01/2012	07/31/2012	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
		OL PREP - INITIAL EXAM PREP - AUGUST 2012		3
07/16/2012	07/20/2012	W90274	OL - INITIAL EXAM - 2012 AUG - DRESDEN	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
07/23/2012	07/27/2012	IP 71124.05	Radiation Monitoring Instrumentation	
07/23/2012	07/27/2012	IP 71151-PR01	RETS/ODCM Radiological Effluent	
		INSP - OP EXP SS FY2007-03 CRANE & HEAVY LIFT		1
07/23/2012	08/17/2012	IP 7111120	Refueling and Other Outage Activities	
		OL EXAM - INITIAL EXAMS - AUGUST 2012		3
08/06/2012	08/17/2012	W90274	OL - INITIAL EXAM - 2012 AUG - DRESDEN	
		BI ISI - INSERVICE INSPECTION - UNIT 3		1
11/05/2012	11/09/2012	IP 7111108G	Inservice Inspection Activities - BWR	

Dresden
Inspection / Activity Plan
01/01/2012 - 06/30/2013

Planned Dates		Inspection Activity	Title	No. of Staff on Site
Start	End			
		BI CDBI - COMPONENT DESIGN BASIS INSPECTION		6
01/14/2013	02/15/2013	IP 7111121	Component Design Bases Inspection	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
11/26/2012	11/30/2012	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
11/26/2012	11/30/2012	IP 71124.02	Occupational ALARA Planning and Controls	
11/26/2012	11/30/2012	IP 71151-OR01	Occupational Exposure Control Effectiveness	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
01/28/2013	02/01/2013	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
		BI OLRQ - REQUALIFICATION PROGRAM INSPECTION		1
04/08/2013	04/12/2013	IP 7111111A	Licensed Operator Requalification Program - Annual Review	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
05/20/2013	05/24/2013	IP 71124.07	Radiological Environmental Monitoring Program	
05/20/2013	05/24/2013	IP 71151-PR01	RETS/ODCM Radiological Effluent	

M. Pacilio

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Letter to M. Pacilio from J. Cameron dated March 5, 2012.

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ROPAssessment.Resource@nrc.gov