



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

September 4, 2012

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

**SUBJECT: MID-CYCLE ASSESSMENT LETTER FOR DRESDEN NUCLEAR POWER
STATION, UNITS 2 AND 3**

Dear Mr. Pacilio:

On August 8, 2012, the NRC completed its mid-cycle performance review of 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 July 1, 2011, through June 30, 2012. 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 assessment reflects the integration of the Security Cornerstone into the Inspection Manual Chapter 0305, "Operating Reactor Assessment Program."

The NRC determined the performance at Dresden Nuclear Power Station, Units 2 and 3, 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, 2013. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last 9 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. This inspection plan does not include security related inspections, which will be sent via separate, non-publicly available correspondence. The NRC also plans on performing special and infrequently performed inspections including: Temporary Instruction (TI) 2515/187, "Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns," and TI 2515/188, "Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns."

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

M. Pacilio

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If circumstances arise which cause us to change this inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at 630-829-9833 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

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

Docket No. 50-237 and 50-249
License No. DPR-19 and DPR-25

Enclosure: Dresden Nuclear Power Station Inspection/Activity Plan

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M. Pacilio

-2-

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Letter to M. Pacilio from J. Cameron dated September 4, 2012.

SUBJECT: MID-CYCLE LETTER FOR DRESDEN NUCLEAR POWER STATION,
UNITS 2 AND 3

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Dresden
Inspection / Activity Plan
09/01/2012 - 12/31/2013

Planned Dates		Inspection Activity	Title	No. of Staff on Site
Start	End			
		TI-187 - TI-187 FLOODING WALKDOWN		2
07/01/2012	12/30/2012	IP 2515/187	Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns	
		TI-188 - TI-188 SEISMIC WALKDOWN		2
07/02/2012	12/31/2012	IP 2515/187	Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns	
		BI ISI - INSERVICE INSPECTION - UNIT 3		1
11/05/2012	11/09/2012	IP 7111108G	Inservice Inspection Activities - BWR	
		BI CDBI - COMPONENT DESIGN BASIS INSPECTION		8
01/28/2013	03/01/2013	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 71124.01	Radiological Hazard Assessment and Exposure Controls	
01/28/2013	02/01/2013	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
		INSP - OP EXP SS FY2007-03 CRANE & HEAVY LIFT		1
02/25/2013	03/22/2013	IP 7111120	Refueling and Other Outage Activities	
		BI OLRQ - REQUALIFICATION PROGRAM INSPECTION		1
04/08/2013	04/12/2013	IP 7111111A	Licensed Operator Requalification Program - Annual Review	
		TI 182 - TI 182 BURIED PIPING PHASE 2		2
05/06/2013	05/10/2013	IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
05/20/2013	05/24/2013	IP 71124.02	Occupational ALARA Planning and Controls	
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	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
07/15/2013	07/19/2013	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
07/15/2013	07/19/2013	IP 71151-BI01	Reactor Coolant System Activity	
		BI EPX - EP EXERCISE INSPECTION / PI VERIFICATION		2
08/19/2013	08/23/2013	IP 7111401	Exercise Evaluation	
08/19/2013	08/23/2013	IP 71151	Performance Indicator Verification	
		STK PLAN - STRIKE CONTINGENCY - OPS, MNT, RP		2
08/30/2013	09/30/2013	IP 92709	Licensee Strike Contingency Plans	

Dresden
Inspection / Activity Plan
09/01/2012 - 12/31/2013

Planned Dates		Inspection Activity	Title	No. of Staff on Site
Start	End			
		OL PREP - DRESDEN INIT PREP 09/2013		3
09/30/2013	10/04/2013	W90285	OL - INITIAL EXAM - 2013 SEPT-OCT - DRESDEN	
		OL EXAM - DRESDEN INIT EXAM 10/2013		3
10/21/2013	10/25/2013	W90285	OL - INITIAL EXAM - 2013 SEPT-OCT - DRESDEN	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
11/04/2013	11/08/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
11/04/2013	11/08/2013	IP 71124.02	Occupational ALARA Planning and Controls	
11/04/2013	11/08/2013	IP 71151-OR01	Occupational Exposure Control Effectiveness	
		BI ISI - ISI BASELINE INSPECTION UNIT 2		1
11/04/2013	11/15/2013	IP 7111108G	Inservice Inspection Activities - BWR	