



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

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

March 4, 2013

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: ANNUAL ASSESSMENT LETTER FOR DRESDEN NUCLEAR POWER  
STATION, UNITS 2 AND 3 (REPORT 05000237/2012001 AND  
05000249/2012001)**

Dear Mr. Pacilio:

On February 13, 2013, the NRC completed its end-of-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 January 1, 2012, through December 31, 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.

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, 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, 2014. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last 12 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. The NRC also plans on performing special and infrequently performed inspections including: Inspection Procedure (IP) 71111.21, "Component Design Basis Inspection," IP 71111.11B, "Licensed Operator Requalification Program," IP 71152B, "Problem Identification and Resolution," and Temporary Instruction (TI) 2515/182, "Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping."

M. Pacilio

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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).

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; 50-249  
License No. DPR-19; DPR-25

Enclosure: Dresden Nuclear Power Station Inspection/Activity Plan

cc w/encl: Distribution via ListServ

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Letter to M. Pacilio from J. Cameron dated March 4, 2013.

SUBJECT: ANNUAL ASSESSMENT LETTER FOR DRESDEN NUCLEAR POWER  
STATION, UNITS 2 AND 3 (REPORT 05000237/2012001 AND  
05000249/2012001)

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**Dresden**  
**Inspection / Activity Plan**  
**03/01/2013 - 12/31/2014**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>BI CDBI - COMPONENT DESIGN BASIS INSPECTION</b>		<b>6</b>
2	01/28/2013	03/01/2013	IP 7111121	Component Design Bases Inspection	
			<b>TI 182 - TI 182 BURIED PIPING PHASE 2</b>		<b>2</b>
2	05/06/2013	05/10/2013	IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
2	05/20/2013	05/24/2013	IP 71124.02	Occupational ALARA Planning and Controls	
2	05/20/2013	05/24/2013	IP 71124.07	Radiological Environmental Monitoring Program	
2	05/20/2013	05/24/2013	IP 71151-PR01	RETS/ODCM Radiological Effluent	
			<b>BI EPX - EP EXERCISE INSPECTION / PI VERIFICATION</b>		<b>2</b>
2	08/19/2013	08/23/2013	IP 71151	Performance Indicator Verification	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
2	07/15/2013	07/19/2013	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
2	07/15/2013	07/19/2013	IP 71151-BI01	Reactor Coolant System Activity	
			<b>STK PLAN - STRIKE CONTINGENCY - OPS, MNT, RP</b>		<b>2</b>
3	08/30/2013	09/30/2013	IP 92709	Licensee Strike Contingency Plans	
			<b>OL PREP - DRESDEN INIT PREP 09/2013</b>		<b>3</b>
2	09/30/2013	10/04/2013	W90285	OL - INITIAL EXAM - 2013 SEPT-OCT - DRESDEN	
			<b>OL EXAM - DRESDEN INIT EXAM 10/2013</b>		<b>3</b>
2	10/21/2013	10/25/2013	W90285	OL - INITIAL EXAM - 2013 SEPT-OCT - DRESDEN	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
2	11/04/2013	11/08/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2	11/04/2013	11/08/2013	IP 71124.02	Occupational ALARA Planning and Controls	
2	11/04/2013	11/08/2013	IP 71151-OR01	Occupational Exposure Control Effectiveness	
			<b>BI ISI - INSERVICE INSPECTION UNIT 2</b>		<b>1</b>
2	11/04/2013	11/15/2013	IP 7111108G	Inservice Inspection Activities - BWR	
			<b>BI RP - RADIATION INSPECTION</b>		<b>1</b>
2	01/27/2014	01/31/2014	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
2, 3	01/27/2014	01/31/2014	IP 71124.04	Occupational Dose Assessment	
2	01/27/2014	01/31/2014	IP 71151-BI01	Reactor Coolant System Activity	
			<b>PI&amp;R - B - BIENNIAL PI&amp;R</b>		<b>5</b>
2, 3	02/24/2014	03/15/2014	IP 71152B	Problem Identification and Resolution	
			<b>ISFSI - ISFISI INSPECTION</b>		<b>2</b>
2	02/01/2014	05/31/2014	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	

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

**Dresden**  
**Inspection / Activity Plan**  
**03/01/2013 - 12/31/2014**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>BI RP - RADIATION INSPECTION</b>		<b>1</b>
2	04/21/2014	04/25/2014	IP 71124.05	Radiation Monitoring Instrumentation	
2	04/21/2014	04/25/2014	IP 71151-OR01	Occupational Exposure Control Effectiveness	
			<b>FIRE - FIRE PROTECTION INSPECTION AND BAG TRIP</b>		<b>3</b>
2, 3	04/21/2014	05/23/2014	IP 7111105T	Fire Protection [Triennial]	
			<b>BI OLRQ - BIENNIAL REQUAL PROGRAM INSPECTION</b>		<b>2</b>
2, 3	05/12/2014	05/16/2014	IP 7111111B	Licensed Operator Requalification Program	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
2	05/19/2014	05/23/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2	05/19/2014	05/23/2014	IP 71124.02	Occupational ALARA Planning and Controls	
2	05/19/2014	05/23/2014	IP 71151-PR01	RETS/ODCM Radiological Effluent	
			<b>BI EPR - EP ROUTINE INSPECTION / PI VERIFICATION</b>		<b>2</b>
2	08/04/2014	08/08/2014	IP 7111402	Alert and Notification System Testing	
2	08/04/2014	08/08/2014	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
2	08/04/2014	08/08/2014	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
2	08/04/2014	08/08/2014	IP 71151	Performance Indicator Verification	
			<b>BI ISI - INSERVICE INSPECTION UNIT 3</b>		<b>1</b>
2	10/27/2014	11/15/2014	IP 7111108G	Inservice Inspection Activities - BWR	
			<b>BI RP - RADIATION INSPECTION</b>		<b>1</b>
2	11/03/2014	11/07/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2	11/03/2014	11/07/2014	IP 71124.02	Occupational ALARA Planning and Controls	
			<b>BI HS - TRIENNIAL HEAT SINK INSPECTION</b>		<b>2</b>
2, 3	12/01/2014	12/05/2014	IP 7111107T	Heat Sink Performance	

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