



**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

cc w/encl: Distribution via ListServ™

M. Pacilio

-2-

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|--------|----------|----------|--|--|--|--|
| OFFICE | RIII | RIII | | | | |
| NAME | PSmagacz | JCameron | | | | |
| DATE | 08/21/12 | 08/21/12 | | | | |

OFFICIAL RECORD COPY

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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ROPAssessment.Resource@nrc.gov

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 | |