

August 30, 2005

Mr. Christopher M. Crane
President and Chief Nuclear Officer
Exelon Nuclear
Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN -
DRESDEN NUCLEAR POWER STATION

Dear Mr. Crane:

On August 9, 2005, the NRC staff completed its performance review of the Dresden Nuclear Power Station for the first half of the calendar year 2005 assessment cycle. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results over the previous 12 months. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility.

This performance review and enclosed inspection plan do not include physical protection information. A separate letter designated and marked as "Exempt from Public Disclosure in Accordance with 10 CFR 2.390" will include the physical protection review and a resultant inspection plan.

Plant performance for the most recent quarter at Dresden Units 2 and 3 was within the Licensee Response Column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct only reactor oversight process (ROP) baseline inspections at your facility through March 31, 2007.

In our Mid-Cycle Performance Review letter dated August 30, 2004, we advised you of a substantive cross-cutting issue in the area of human performance. In our Annual Assessment Letter dated March 2, 2005, we advised you that human performance issues had continued and we were continuing the substantive human performance cross-cutting issue pending a reduction in the number, significance, and common causality. You responded to the Annual Assessment Letter with a letter dated April 29, 2005, describing your assessment of human performance at Dresden, the causal factors that had resulted in the human performance issues, and the Human Performance Improvement Plan that you had developed. We understand that you have now achieved site-wide implementation of the Human Performance Improvement Plan. We also noted that only one finding was identified in the last half of the assessment period (2005) having aspects of the substantive cross-cutting area of human performance.

Therefore, since the number and significance of human performance findings decreased and the 2004 findings were already addressed, we no longer have a concern with the scope and progress of your efforts in addressing this cross-cutting area performance deficiency, and we are discontinuing the substantive cross-cutting issue in human performance.

The enclosed inspection plan details the inspections, less those related to physical protection scheduled through March 31, 2007. Please note that the biennial Problem Identification and Resolution inspection is planned for January 2006. The inspection plan is provided to minimize the resource impact on your staff and to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last nine months of the inspection plan are tentative and may be revised at the end-of-cycle review meeting.

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). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

If circumstances arise which cause us to change the inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at 630-829-9703 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Mark A. Ring, Chief
Reactor Projects Branch 1
Division of Reactor Projects

Docket Nos. 50-237; 50-249
License Nos. DPR-19; DPR-25

Enclosure: Dresden Inspection/Activity Plan

See Attached Distribution

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cc w/encl: Site Vice President - Dresden Nuclear Power Station
Dresden Nuclear Power Station Plant Manager
Regulatory Assurance Manager - Dresden
Chief Operating Officer
Senior Vice President - Nuclear Services
Senior Vice President - Mid-West Regional
Operating Group
Vice President - Mid-West Operations Support
Vice President - Licensing and Regulatory Affairs
Director Licensing - Mid-West Regional
Operating Group
Manager Licensing - Dresden and Quad Cities
Senior Counsel, Nuclear, Mid-West Regional
Operating Group
Document Control Desk - Licensing
Assistant Attorney General
Illinois Emergency Management Agency
State Liaison Officer
Chairman, Illinois Commerce Commission
Will County Executive
Will County Sheriff
Director, Will County Emergency
Management Agency
Mayor of Joliet
City Manager
Kendall County Board Chairman
Kendall County Sheriff
Grundy County Board Chairman
Grundy County Sheriff
Director, Grundy County Emergency
Management Agency
Mayor of Morris
Minooka Village President
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Dresden
Inspection / Activity Plan
09/01/2005 - 03/31/2007

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	INSPECTI - ISFSI INSPECTION - CASK LOADING		2			
2	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants		08/18/2005	09/28/2005	Other Routine
	ISI - UNIT 2 ISI INSPECTION		1			
2	IP 7111108G	Inservice Inspection Activities - BWR		11/07/2005	11/11/2005	Baseline Inspections
	71121.02 - OUTAGE ALARA		1			
2,3	IP 7112102	ALARA Planning and Controls		11/14/2005	11/18/2005	Baseline Inspections
2,3	IP 71151	Performance Indicator Verification		11/14/2005	11/18/2005	Baseline Inspections
	71114 - BASELINE EP INSPECTION		1			
2,3	IP 7111402	Alert and Notification System Testing		01/09/2006	01/13/2006	Baseline Inspections
2,3	IP 7111403	Emergency Response Organization Augmentation Testing		01/09/2006	01/13/2006	Baseline Inspections
2,3	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		01/09/2006	01/13/2006	Baseline Inspections
2,3	IP 71151	Performance Indicator Verification		01/09/2006	01/13/2006	Baseline Inspections
	FY 2005 - DRESDEN INIT PREP 01/2006		3			
2	W90124	OL - INITIAL EXAM - DRESDEN - JAN/FEB 2006		01/09/2006	01/13/2006	Not Applicable
	71152B - PROBLEM IDENTIFICATION AND RESOLUTION		2			
2,3	IP 71152B	Identification and Resolution of Problems		01/09/2006	01/27/2006	Baseline Inspections
	FY 2005 - DRESDEN INIT EXAM 02/2006		3			
2	W90124	OL - INITIAL EXAM - DRESDEN - JAN/FEB 2006		02/06/2006	02/10/2006	Not Applicable
	7112103 - RADIOLOGICAL INSTRUMENTATION		1			
2,3	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		03/13/2006	03/17/2006	Baseline Inspections
	HS - HEAT SINK INSPECTION		1			
2	IP 7111107B	Heat Sink Performance		03/20/2006	03/24/2006	Baseline Inspections
	ISFSI - OPERATION OF AN ISFSI		1			
2,3	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants		05/01/2006	06/30/2006	Other Routine
	INSPECTI - ISFSI INSPECTION		2			
2	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants		05/01/2006	07/30/2006	Other Routine
	71111.11 - LIC OPERATOR REQUAL PROGRAM EVALUATION		2			
2,3	IP 7111111B	Licensed Operator Requalification Program		05/15/2006	05/19/2006	Baseline Inspections
	7112101 - RADIOLOGICAL ACCESS CONTROL		1			
2,3	IP 7112101	Access Control to Radiologically Significant Areas		07/17/2006	07/21/2006	Baseline Inspections
2,3	IP 71151	Performance Indicator Verification		07/17/2006	07/21/2006	Baseline Inspections
	7112203 - REMP & RAD MATL CONTROL		1			
2,3	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control P		09/25/2006	09/29/2006	Baseline Inspections
2,3	IP 71151	Performance Indicator Verification		09/25/2006	09/29/2006	Baseline Inspections

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

Dresden
Inspection / Activity Plan
09/01/2005 - 03/31/2007

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	ISI	- DRESDEN UNIT 3 ISI INSPECTION	1			
3	IP 7111108G	Inservice Inspection Activities - BWR		10/16/2006	10/20/2006	Baseline Inspections
	7112102	- ALARA OUTAGE INSP	1			
2,3	IP 7112102	ALARA Planning and Controls		11/13/2006	11/17/2006	Baseline Inspections
	M50.59	- MOD 50.59 INSPECTION	2			
2,3	IP 7111102	Evaluation of Changes, Tests, or Experiments		11/13/2006	11/30/2006	Baseline Inspections
2	IP 7111117A	Permanent Plant Modifications		11/13/2006	12/15/2006	Baseline Inspections
	ME	- MAINTENANCE EFFECTIVENESS INSPECTION	1			
2,3	IP 7111112B	Maintenance Effectiveness		12/11/2006	12/15/2006	Baseline Inspections
	7111401	- EP EXERCISE & PI INSP	1			
2,3	IP 7111401	Exercise Evaluation		03/19/2007	03/23/2007	Baseline Inspections
2,3	IP 71151	Performance Indicator Verification		03/19/2007	03/23/2007	Baseline Inspections