

August 23, 2002

Mr. John L. Skolds, President  
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. Skolds:

On July 31, 2002, the NRC staff completed its mid-cycle plant performance assessment of Dresden Nuclear Power Station. The mid-cycle review for Dresden involved the participation of all technical divisions in evaluating performance indicators for the most recent quarter and inspection results for the period of January 1 - June 30, 2002. 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 so that you will have an opportunity to prepare for these inspections and to inform us of any planned inspections which may conflict with your plant activities.

Plant performance for the most recent quarter 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 performance indicators indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct only baseline inspections at your facility through September 30, 2003.

In our annual assessment letter dated March 4, 2002, we discussed our "Chilling Effect" letter sent to you on October 9, 2001, and your subsequent response dated February 11, 2002. We have reviewed your response and believe that the actions you have taken addressed our concerns about the safety conscious work environment in the radiation protection department. Our resident and region based inspectors will continue to monitor the effectiveness of your actions during our baseline inspections.

The enclosed inspection plan details the inspections scheduled through September 30, 2003. The inspection plan is provided to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspection plan for the last 6 months is tentative and may be revised at the end of cycle review.

In addition, the NRC is in the process of finalizing a Temporary Instruction that will be used to review implementation of the Interim Compensatory Measures required by the Agency's Security Order to all commercial nuclear power plants dated February 25, 2002. Schedules have not yet been finalized, but it is anticipated that these inspections will begin within the next calendar quarter. Once finalized, the details will be communicated by separate correspondence.

In accordance with 10 CFR 2.790 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 this 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  
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  
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State Liaison Officer  
Chairman, Illinois Commerce Commission  
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Board Chairman  
B. Ward, Will County Sheriff  
D. Gould, Will County Emergency  
Management Coordinator/Director  
The Honorable Arthur Schultz  
J. Mezera, City Manager  
J. Church, Kendall County Board Chairman  
R. Randall, Kendall County Sheriff  
D. Kaufman, Grundy County Board Chairman  
J. L. Olson, Grundy County Sheriff  
J. Lutz, Grundy County Emergency  
Management Coordinator/Director  
The Honorable Richard Kopczick  
The Honorable C. Richard Ellis  
The Honorable Gerald V. Pierard  
The Honorable Joseph Fracaro  
The Honorable Elmer Rolando  
The Honorable Richard Girot  
The Honorable Tony McGann  
The Honorable Wayne Chesson  
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The Honorable Richard Chapman  
K. Carroll, Shorewood Village Administrator  
The Honorable Robert Blum  
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**Dresden**  
**Inspection / Activity Plan**  
**09/01/2002 - 09/30/2003**

| Unit Number | Inspection Activity | Title  | No. of Staff on Site | Planned Dates |            | Inspection Type      |
|-------------|---------------------|--|----------------------|---------------|------------|----------------------|
|             |                     |  |                      | Start         | End        |                      |
|             | <b>IP 71121</b>     | <b>- OUTAGE RP ALARA INSPECTION</b>                                      | <b>1</b>             |               |            |                      |
| 2, 3        | IP 7112101          | Access Control to Radiologically Significant Areas                       |                      | 10/07/2002    | 10/11/2002 | Baseline Inspections |
| 2, 3        | IP 7112102          | ALARA Planning and Controls  |                      | 10/07/2002    | 10/11/2002 | Baseline Inspections |
|             | <b>71004</b>        | <b>- UNIT 3 EXTENDED POWER UPRATE INSPECTION</b>                         | <b>2</b>             |               |            |                      |
| 3           | IP 71004            | Power Uprate   |                      | 10/08/2002    | 10/29/2002 | Supplemental Program |
|             | <b>ISI</b>          | <b>- UNIT 3 ISI</b>  | <b>1</b>             |               |            |                      |
| 3           | IP 7111108          | Inservice Inspection Activities  |                      | 10/21/2002    | 10/25/2002 | Baseline Inspections |
|             | <b>MOD50.59</b>     | <b>- BIENNIAL PLANT MODS AND 50.59</b>                                   | <b>3</b>             |               |            |                      |
| 2, 3        | IP 7111102          | Evaluation of Changes, Tests, or Experiments                             |                      | 11/04/2002    | 11/08/2002 | Baseline Inspections |
| 2, 3        | IP 7111117B         | Permanent Plant Modifications  |                      | 11/04/2002    | 11/08/2002 | Baseline Inspections |
|             | <b>HT SNK B</b>     | <b>- HEAT SINK BIENNIAL (DRS)</b>  | <b>1</b>             |               |            |                      |
| 2, 3        | IP 7111107B         | Heat Sink Performance  |                      | 12/02/2002    | 12/06/2002 | Baseline Inspections |
|             | <b>FY 2003</b>      | <b>- DRESDEN RETAKE EXAM 01/2003</b>                                     | <b>2</b>             |               |            |                      |
| 2           | W90089              | RETAKE OL EXAM - DRESDEN - 1/2003  |                      | 01/20/2003    | 01/24/2003 | Not Applicable       |
|             | <b>IP 71122</b>     | <b>- RAM PROCESSING/SHIPPING INSPECTION</b>                              | <b>1</b>             |               |            |                      |
| 2, 3        | IP 7112202          | Radioactive Material Processing and Transportation                       |                      | 02/10/2003    | 02/14/2003 | Baseline Inspections |
|             | <b>IP 71114</b>     | <b>- BIENNIAL EP EXERCISE BASELINE INSPECTION</b>                        | <b>3</b>             |               |            |                      |
| 2, 3        | IP 7111401          | Exercise Evaluation  |                      | 03/31/2003    | 04/04/2003 | Baseline Inspections |
| 2, 3        | IP 71151            | Performance Indicator Verification                                       |                      | 03/31/2003    | 04/04/2003 | Baseline Inspections |
|             | <b>IP 71122</b>     | <b>- LIQ/GASEOUS EFFLUENTS INSPECTION</b>                                | <b>1</b>             |               |            |                      |
| 2, 3        | IP 7112201          | Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems |                      | 03/31/2003    | 04/04/2003 | Baseline Inspections |
| 2, 3        | IP 71151            | Performance Indicator Verification                                       |                      | 03/31/2003    | 04/04/2003 | Baseline Inspections |
|             | <b>FY 2003</b>      | <b>- DRESDEN INIT PREP 05/2003</b>                                       | <b>2</b>             |               |            |                      |
| 2           | W90076              | OL - INITIAL EXAM - DRESDEN - MAY/JUNE 2003                              |                      | 05/19/2003    | 05/23/2003 | Not Applicable       |
|             | <b>FY 2003</b>      | <b>- DRESDEN INIT EXAM 06/2003</b>                                       | <b>3</b>             |               |            |                      |
| 2           | W90076              | OL - INITIAL EXAM - DRESDEN - MAY/JUNE 2003                              |                      | 06/09/2003    | 06/13/2003 | Not Applicable       |
|             | <b>71121.01</b>     | <b>- RADIOLOGICAL ACCESS CONTROL INSP</b>                                | <b>1</b>             |               |            |                      |
| 2, 3        | IP 7112101          | Access Control to Radiologically Significant Areas                       |                      | 06/23/2003    | 06/27/2003 | Baseline Inspections |
| 2, 3        | IP 71151            | Performance Indicator Verification                                       |                      | 06/23/2003    | 06/27/2003 | Baseline Inspections |
|             | <b>RENEWAL</b>      | <b>- LICENSE RENEWAL SCOPING</b>   | <b>7</b>             |               |            |                      |
| 2, 3        | IP 71002            | License Renewal Inspection   |                      | 07/28/2003    | 08/01/2003 | Other Routine        |
|             | <b>SSDI</b>         | <b>- SAFETY SYSTEM DESIGN</b>  | <b>5</b>             |               |            |                      |
| 2, 3        | IP 7111121          | Safety System Design and Performance Capability                          |                      | 08/11/2003    | 08/30/2003 | Baseline Inspections |
|             | <b>71121</b>        | <b>- ALARA &amp; INSTRUMENTATION INSP</b>                                | <b>1</b>             |               |            |                      |
| 2, 3        | IP 7112102          | ALARA Planning and Controls  |                      | 09/22/2003    | 09/26/2003 | 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**  
**09/01/2002 - 09/30/2003**

| Unit Number | Inspection Activity | Title   | No. of Staff on Site | Planned Dates |            | Inspection Type      |
|-------------|---------------------|---|----------------------|---------------|------------|----------------------|
|             |                     |   |                      | Start         | End        |                      |
|             | <b>71121</b>        | <b>- ALARA &amp; INSTRUMENTATION INSP</b>                     | <b>1</b>             |               |            |                      |
| 2, 3        | IP 7112103          | Radiation Monitoring Instrumentation and Protective Equipment |                      | 09/22/2003    | 09/26/2003 | Baseline Inspections |
| 2, 3        | IP 71151            | Performance Indicator Verification                            |                      | 09/22/2003    | 09/26/2003 | Baseline Inspections |

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