

December 18, 2003

Mr. John L. Skolds, President  
Exelon Nuclear  
Exelon Generation Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

SUBJECT: BYRON STATION, UNITS 1 AND 2  
INFORMATION REQUEST FOR AN NRC BIENNIAL PERMANENT  
MODIFICATIONS AND 10 CFR 50.59 (MOD/50.59) BASELINE INSPECTION,  
05000454/2004003; 05000455/2004003(DRS)

Dear Mr. Skolds:

On January 26, 2004, the NRC will begin a Modifications and 10 CFR 50.59 (MOD/50.59) baseline inspection at the Byron Station. This inspection will be performed in accordance with the NRC baseline Inspection Procedures IP 71111.02 and IP 71111.17B. The on-site portion of the inspection will take place January 26 - 30, 2004.

Experience has shown that these baseline inspections are extremely resource intensive, both for the NRC inspectors and the licensee staff. In order to minimize the inspection impact on the site and to ensure a productive inspection for both parties, we have enclosed a request for documents needed for the inspection. These documents have been divided into three groups. The first group is necessary to ensure that the inspection team is adequately prepared for the inspection. This information should be available to the Regional Office by no later than January 15, 2004. The inspection team will review this information and, by January 21, 2004, will request specific items that should be available for review when the team arrives on site. The second group of requested documents contains additional items that the team will review, or need access to, during the inspection. Please have this information available by the first day of the on-site inspection, January 26, 2004. The third group lists information necessary to aid the inspection team in tracking issues identified as a result of the inspection. It is requested that this information be provided to the lead inspector as the information is generated during the inspection. It is important that all of these documents are up to date and complete in order to minimize the number of additional documents requested during the preparation and/or the onsite portions of the inspection.

The lead inspector for this inspection is Zelig Falevits. We understand that our regulatory contact for this inspection is Bill Grundman of your organization. If there are any questions about the inspection or the material requested, please contact the lead inspector at (630) 829-9717 or via e-mail at [ZXF@nrc.gov](mailto:ZXF@nrc.gov).

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).

Sincerely,

*/RA/*

Julio F. Lara, Chief  
Electrical Engineering Branch  
Division of Reactor Safety

Docket Nos. 50-454; 50-455  
License Nos. NPF-37; NPF-66

Enclosure: Initial Document Request for Modification and  
50.59 Inspection (Information for Preparation  
Week and Information available onsite during inspection)

cc w/encl: Site Vice President - Byron  
Byron Station Plant Manager  
Regulatory Assurance Manager - Byron  
Chief Operating Officer  
Senior Vice President - Nuclear Services  
Vice President - Mid-West Operations Support  
Vice President - Licensing and Regulatory Affairs  
Director Licensing  
Manager Licensing - Braidwood and Byron  
Senior Counsel, Nuclear  
Document Control Desk - Licensing  
M. Aguilar, Assistant Attorney General  
Illinois Department of Nuclear Safety  
State Liaison Officer  
State Liaison Officer, State of Wisconsin  
Chairman, Illinois Commerce Commission

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Docket Nos.50-454; 50-455  
License Nos.NPF-37; NPF-66

Enclosure: Initial Document Request for Modification and  
50.59 Inspection (Information for Preparation  
Week and Information available onsite during inspection)

cc w/encl: Site Vice President - Byron  
Byron Station Plant Manager  
Regulatory Assurance Manager - Byron  
Chief Operating Officer  
Senior Vice President - Nuclear Services  
Vice President - Mid-West Operations Support  
Vice President - Licensing and Regulatory Affairs  
Director Licensing  
Manager Licensing - Braidwood and Byron  
Senior Counsel, Nuclear  
Document Control Desk - Licensing  
M. Aguilar, Assistant Attorney General  
Illinois Department of Nuclear Safety  
State Liaison Officer  
State Liaison Officer, State of Wisconsin  
Chairman, Illinois Commerce Commission

DOCUMENT NAME: ML033520560.WPD

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INITIAL DOCUMENT REQUEST

**MODIFICATIONS AND 50.59 INSPECTION DOCUMENT REQUEST**

**Inspection Report:** 05000454/2004003; 05000455/2004003(DRS)

**Inspection Dates:** January 26 - 30, 2004

**Inspection Procedures:** IP 71111- 02, "Changes, Tests, or Experiments"  
IP 71111- 17B, "Permanent Plant Modifications"  
IP 37001, "10 CFR 50.59 Safety Evaluation Program"

**Lead Inspector:** Z. Falevits, Team Leader  
(630) 829-9717

**Team Members:** D. Schrum, Reactor Inspector  
G. O'Dwyer, Reactor Inspector

***I. Information Requested for In-Office Preparation Week***

The following information is requested by January 15, 2004, or sooner, to facilitate the selection of specific items that will be reviewed during the onsite inspection week. The team will select specific items from the information requested below and submit a list to your staff by January 21, 2004. We request that the specific items selected from the lists be available and ready for review on the first day of inspection. All requested information should cover the time frame from the last Permanent Modification inspection exit (April, 2002) to the present. If you have any questions regarding this information, please call the team leader as soon as possible. All information should be sent **electronically** if at all possible to ZXF@nrc.gov.

- (1) List of "permanent plant modifications" to risk significant systems, structures or components. (For the purpose of this inspection, permanent plant modifications include permanent: plant changes, design changes, set point changes, equivalency evaluations, suitability analyses, and commercial grade dedications.)

The list should contain the number of each document, the title, the revision (or date), the affected system, and how significant the modification was to reduce risk (if at all possible). In addition to the list, please provide a brief (one paragraph) description of each modification and a list of associated calculations and affected procedures.

- (2) List of all 10 CFR 50.59 completed evaluations involving: (a) calculations; (b) procedure revisions; (c) changes to the facility (modifications); (d) non-routine operating configurations; or (e) departures in methods of analyses.

The list should contain the number and title of each document, and the corresponding number and type of the affected document (i.e., the modification or procedure to which the evaluation applies). The list should NOT include any evaluations in which prior NRC approval was sought and obtained.

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- (3) List of all 10 CFR 50.59 changes that have been screened out as not requiring a full evaluation involving: (a) calculations; (b) procedure revisions; (c) changes to the facility (modifications); (d) non-routine operating configurations; or (e) departures in methods of analyses.

The list should contain the number and title of each document and the corresponding number and type of the affected document (i.e., the modification or procedure to which the evaluation applies).

- (4) List of any modifications, procedure revisions, or UFSAR changes where it was determined that 10 CFR 50.59 did not apply.
- (5) List of corrective action documents (open and closed) that address plant permanent modification or 10 CFR 50.59 issues, concerns, or processes.

The list should contain the number, title and revision (or date) of each document, the affected system and corresponding documentation (if applicable), and should be sorted in order of significance.

- (6) Copies of procedures addressing the following: modifications, design changes, set point changes, equivalency evaluations or suitability analyses, commercial grade dedications, post-modification testing, 10 CFR 50.59 evaluation and screenings and UFSAR updates.
- (7) Name(s) and phone numbers for the regulatory and technical contacts.

### ***II. Information Requested to be Available on First Day of Inspection (January 26, 2004)***

- (1) Copies of all selected items from Section I. This includes copies of associated documents such as calculations, post-modification test packages, 10 CFR 50.59 evaluations or screenings and any corrective action documents.
- (2) Copies of these documents do not need to be solely available to the team as long as the inspectors have easy and unrestrained access to them.
- Updated Final Safety Analysis Report;
  - Technical Specifications;
  - Latest IPE/PRA Report;
  - Vendor Manuals; and
  - The Latest 10 CFR 50.59 FSAR Update Submittal.
- (3) Please ensure that other supporting documents for the selected items have been located and are readily retrievable as the team will likely be requesting these documents during the inspections. Examples of supporting documents are:

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- Drawings supporting the modifications;
  - Procedures affected by the modifications; and
  - UFSAR change papers generated due to a 10 CFR 50.59 evaluation.
- (4) Current management and engineering organizational chart.

### ***III. Information Requested to be provided throughout the inspection***

- (1) Copies of any corrective action documents generated as a result of the team's questions or queries during this inspection.
- (2) Copies of the list of questions submitted by the team members and the status/resolution of the information requested (provide daily during the inspection to each team member).

If you have questions regarding the information requested, please contact the team leader.