

SAFEGUARDS INFORMATION

June 20, 2003

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

SUBJECT: BYRON NUCLEAR POWER STATION, UNITS 1 AND 2
NRC SAFEGUARDS INSPECTION OF COMPLIANCE WITH ORDER
INSPECTION REPORT 50-454/03-05(DRS); 50-455/03-05(DRS)

Dear Mr. Skolds:

On May 16, 2003, the NRC completed an inspection at your Byron Nuclear Power Station. The enclosed report documents the inspection findings which were discussed on May 16, 2003, with Mr. S. Stimac and other members of your staff.

The inspection examined activities conducted under your license as they relate to safety and compliance with an Order issued on February 25, 2002, which required your site to implement specific measures related to the security of your facility. The inspection utilized Temporary Instruction 2515/148, "Inspection of Nuclear Reactor Safeguards Interim Compensatory Measures," to verify implementation of the Order as clarified in your responses dated March 15, 2002, May 24, 2002, and June 19, 2002. Within these areas, the inspection consisted of selected examination of procedures and representative records, observations of activities, and interviews with personnel.

On the basis of the results of this inspection, no findings of significance were identified.

The material enclosed herewith contains Safeguards Information as defined by 10 CFR 73.21 and its disclosure to unauthorized individuals is prohibited by Section 147 of the Atomic Energy Act of 1954, as amended. Therefore, the material will not be placed in the Public Document Room.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter, without enclosure, will be made 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).

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J. Skolds

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Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

/RA by R. Caniano Acting for/

Cynthia D. Pederson, Director
Division of Reactor Safety

Docket Nos. 50-454; 50-455
License Nos. DPR-19; DPR-25

Enclosure: Inspection Report 50-454/03-05(DRS);
50-455/03-05(DRS) (**SAFEGUARDS INFORMATION**)

cc w/encl: Site Vice President - Byron
Byron Station Plant Manager
Regulatory Assurance Manager - Byron
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 - Byron
Senior Counsel, Nuclear, Mid-West Regional
Operating Group
Document Control Desk - Licensing
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cc w/encl w/o

SAFEGUARDS INFORMATION: M. Aguilar, Assistant Attorney General
Illinois Department of Nuclear Safety
State Liaison Officer
Chairman, Illinois Commerce Commission

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Enclosure: Inspection Report 50-454/03-05(DRS);
50-455/03-05(DRS) (**SAFEGUARDS INFORMATION**)

cc w/encl: Site Vice President - Byron
Byron Station Plant Manager
Regulatory Assurance Manager - Byron
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 - Byron
Senior Counsel, Nuclear, Mid-West Regional
Operating Group
Document Control Desk - Licensing
NSIR/DNS/RSOS

cc w/encl w/o

SAFEGUARDS INFORMATION: M. Aguilar, Assistant Attorney General
Illinois Department of Nuclear Safety
State Liaison Officer
Chairman, Illinois Commerce Commission

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U.S. NUCLEAR REGULATORY COMMISSION

REGION III

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

Report No: 50-454/03-05(DRS); 50-455/03-05(DRS)

Licensee: Exelon Generation Company, LLC

Facility: Byron Nuclear Power Station, Units 1 and 2

Location: 4448 North German Church Road
Byron, IL 61010

Dates: May 12 through 16, 2003

Inspectors: J. Creed, Safeguards Program Manager
R. Skokowski, Senior Resident Inspector
T. Madeda, Physical Security Inspector
R. Jickling, Emergency Preparedness Inspector

Approved by: Cynthia D. Pederson, Director
Division of Reactor Safety

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SUMMARY OF FINDINGS

IR 05000454-03-05(DRS); 05000455-03-05(DRS); Exelon Generation Company, LLC; on 04/08-11/2003; Byron Nuclear Power Station, Units 1 and 2. TI 2515/148, Verification of Compliance with Interim Compensatory Measures Order.

The inspection was conducted by two regional physical security inspectors, a resident inspector and one regional emergency preparedness inspector.

Cornerstone: Physical Security and Emergency Preparedness

- On February 25, 2002, the NRC imposed by Order, Interim Compensatory Measures to enhance physical security. The inspectors determined that the licensee appropriately incorporated the Interim Compensatory Measures into the site protective strategy and access authorization program; developed and implemented relevant procedures; ensured that the emergency plan could be implemented; and established and effectively coordinated interface agreements with offsite organizations.

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