

~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~

August 22, 2008

Mr. Charles G. Pardee
Chief Nuclear Officer and
Senior Vice President
Exelon Generation Company, LLC
4300 Winfield Road
Warrenville IL 60555

SUBJECT: BYRON STATION, UNITS 1 AND 2
NRC SECURITY BASELINE INSPECTION REPORT 05000454/2008402(DRS);
05000455/2008402(DRS)

Dear Mr. Pardee:

On July 24, 2008, the U. S. Nuclear Regulatory Commission (NRC) completed a security baseline inspection at your Byron Station, Units 1 and 2, and the Exelon Nuclear Corporate Office. The inspection covered one or more of the key attributes of the security cornerstone of the NRC's Reactor Oversight Process. The enclosed inspection report documents the inspection results, which were discussed on July 24, 2008, with Mr. B. Adams and other members of your staff.

The inspection examined activities conducted under your license as they relate to security and compliance with the Commission's rules and regulations and with the conditions of your license. The inspector reviewed selected procedures and records, observed activities, and interviewed personnel.

No findings of significance were identified.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records System (PARS) component of NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room). However, because of the security-related concerns contained in the enclosure, and in accordance with 10 CFR 2.390, a copy of this letter's enclosure will not be available for public inspection.

<p>Enclosure transmitted herewith contains Sensitive Unclassified Non-Safeguards Information. When separated from enclosure, this transmittal document is decontrolled.</p>

~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~

C. Pardee

-2-

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

Sincerely,

/RA/

Eric Duncan, Chief
Plant Support Branch
Division of Reactor Safety

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

Nonpublic Enclosure: Inspection Report 05000454/2008402(DRS);
05000455/2008402(DRS)
w/Attachment: Supplemental Information

cc w/encl: D. Riffle, NSIR/DSO/DDSO
J. Klinger, State Liaison Officer,
Illinois Emergency Management Agency
B. Askren, Byron Site Security Manager

cc w/o encl: Site Vice President - Byron Station
Plant Manager - Byron Station
Regulatory Assurance Manager - Byron Station
Chief Operating Officer and Senior Vice President
Senior Vice President - Midwest Operations
Senior Vice President - Operations Support
Vice President - Licensing and Regulatory Affairs
Director - Licensing and Regulatory Affairs
Manager Licensing - Braidwood, Byron, and LaSalle
Associate General Counsel
Document Control Desk - Licensing
Assistant Attorney General
Illinois Emergency Management Agency
J. Klinger, State Liaison Officer,
Illinois Emergency Management Agency
P. Schmidt, State Liaison Officer, State of Wisconsin
Chairman, Illinois Commerce Commission
B. Quigley, Byron Station

~~OFFICIAL USE ONLY - SECURITY RELATED INFORMATION~~

C. Pardee

-2-

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

Sincerely,

/RA/

Eric Duncan, Chief
Plant Support Branch
Division of Reactor Safety

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

Nonpublic Enclosure: Inspection Report 05000454/2008402(DRS);
05000455/2008402(DRS)
w/Attachment: Supplemental Information

cc w/encl: D. Riffle, NSIR/DSO/DDSO
J. Klinger, State Liaison Officer,
Illinois Emergency Management Agency
B. Askren, Byron Site Security Manager

cc w/o encl: Site Vice President - Byron Station
Plant Manager - Byron Station
Regulatory Assurance Manager - Byron Station
Chief Operating Officer and Senior Vice President
Senior Vice President - Midwest Operations
Senior Vice President - Operations Support
Vice President - Licensing and Regulatory Affairs
Director - Licensing and Regulatory Affairs
Manager Licensing - Braidwood, Byron, and LaSalle
Associate General Counsel
Document Control Desk - Licensing
Assistant Attorney General
Illinois Emergency Management Agency
J. Klinger, State Liaison Officer,
Illinois Emergency Management Agency
P. Schmidt, State Liaison Officer, State of Wisconsin
Chairman, Illinois Commerce Commission
B. Quigley, Byron Station

DISTRIBUTION

See next page

DOCUMENT NAME: G:\DRS\Work in Progress\BYR 2008 402 DRS OUO - Cover Letter.doc

Publicly Available Non-Publicly Available Sensitive Non-Sensitive

To receive a copy of this document, indicate in the concurrence box "C" = Copy without attach/encl "E" = Copy with attach/encl "N" = No copy

OFFICE	RIII		RIII		RIII		
NAME	GHansen:co ERD for		DFunk ERD for		EDuncan		RSkokowski KR for
DATE	08/22/08		08/22/08		08/22/08		08/22/08

OFFICIAL RECORD COPY

~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~

Letter to Charles G. Pardee from Eric Duncan dated August 22, 2008.

SUBJECT: BYRON STATION, UNITS 1 AND 2
NRC SECURITY BASELINE INSPECTION REPORT
05000454/2008402(DRS); 05000455/2008402(DRS)

DISTRIBUTION:

Russell Gibbs
Tamara Bloomer
Meghan Thorpe-Kavanaugh
RidsNrrDirslrib Resource
Mark Satorius
Kenneth OBrien
Jared Heck
Roland Lickus
Carole Ariano
Linda Linn
Cynthia Pederson (hard copy – IR's only)
DRPIII
DRSIII
Patricia Buckley
Tammy Tomczak
ROPreports@nrc.gov

~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~