

SAFEGUARDS INFORMATION

July 27, 2004

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

SUBJECT: BYRON NUCLEAR POWER STATION, UNITS, 1 AND 2 and
EXELON NUCLEAR CORPORATE
NRC PHYSICAL SECURITY LIMITED BASELINE INSPECTION
REPORT 05000454/2004006(DRS); 05000455/2004006(DRS)

Dear Mr. Crane:

This refers to the inspection completed on June 17, 2004, at the Exelon Nuclear Corporate Headquarters and the Byron Nuclear Power Station. The purpose of the inspection was to complete a security baseline inspection. The enclosed report presents the results of this inspection, which were discussed on April 9, 2004, with Mr. R. Lane, and on June 17, 2004, with Ms. M. Snow, and other members of your staff.

The inspection examined activities conducted under your license as they relate to public health and safety, the common defense and security, and to compliance with the Commission's rules and regulations, orders, and the conditions of your license. Within these areas, the inspection consisted of selected examination of procedures and representative records, observation of activities, and interviews with personnel.

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 made available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

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Date of Determination _____

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

Sincerely,

/RA by Gary Pirtle Acting for/

James R. Creed
Safeguards Program Manager
Division of Reactor Safety

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

Enclosure: Inspection Report 05000454/2004006(DRS);
05000455/2004006(DRS)
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cc w/encl **(SAFEGUARDS INFORMATION)**:
E. McNeil (NSIR/DNS/RSS)
B. Westreich (NSIR/DNS)

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Sincerely,

/RA by Gary Pirtle Acting for/

James R. Creed
Safeguards Program Manager
Division of Reactor Safety

Docket Nos. 50-454; 50-455
License Nos. DPR-29; DPR-30

Enclosure: Inspection Report 05000454/2004006(DRS);
05000455/2004006(DRS)
(SAFEGUARDS INFORMATION)

cc w/encl **(SAFEGUARDS INFORMATION)**:
E. McNeil (NSIR/DNS/RSS)
B. Westreich (NSIR/DNS)

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