

SAFEGUARDS INFORMATION

June 20, 2006

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

SUBJECT: BRAIDWOOD STATION, UNITS 1 AND 2
NRC PHYSICAL SECURITY BASELINE INSPECTION REPORT
NO. 05000456/2006006; 05000457/2006006(DRS)

Dear Mr. Crane:

On May 19, 2006, the U.S. Nuclear Regulatory Commission (NRC) completed a baseline security inspection of your Braidwood Station, Units 1 and 2, and Exelon Nuclear Corporate Offices. 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 May 19, 2006, with Mr. K. Polson, and on February 2, 2006, with Mr. G. Kaegi 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 the conditions of your license. The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel.

No findings of significance were identified.

<p>EXEMPT FROM PUBLIC DISCLOSURE May be exempt from public release under the Freedom of Information Act (5 U.S.C. 552)</p> <p>Exemption number: <u>5</u> Nuclear Regulatory Commission review required before public release.</p> <p><u>K.Brooks, RIII/DRS/PSB</u> Name and organization of person making determination.</p> <p>Date of determination: <u>05/22/06</u></p>

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C. Crane

-2-

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Sincerely,

/RA by Terry J. Madeda Acting For/

Kenneth Riemer, Chief
Plant Support Branch
Division of Reactor Safety

Docket Nos. 50-456; 50-457
License Nos. NPF-72; NPF-77

Enclosure: Inspection Report 05000456/2006006(DRS);
05000457/2006006(DRS)
w/Attachment: Supplemental Information

cc w/encl: B. Westreich (NSIR/DNS)
NSIR/DNS/RSS/Licensing Assistant
G. Baker, Braidwood Site Security Manager
State Liaison Officer

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C. Crane

-3-

cc wo/encl: Site Vice President - Braidwood Station
Plant Manager - Braidwood Station
Regulatory Assurance Manager - Braidwood Station
Chief Operating Officer
Senior Vice President - Nuclear Services
Vice President - Operations Support
Vice President - Licensing and Regulatory Affairs
Director Licensing
Manager Licensing - Braidwood and Byron
Senior Counsel, Nuclear, Mid-West Regional
Operating Group
Document Control Desk - Licensing
Assistant Attorney General
Illinois Emergency Management Agency
State Liaison Officer
Chairman, Illinois Commerce Commission

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-4-

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