

## **SAFEGUARDS INFORMATION**

August 10, 2007

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 SECURITY BASELINE INSPECTION REPORT 05000456/2007401(DRS);  
05000457/2007401(DRS)

Dear Mr. Crane:

On June 28, 2007, the US Nuclear Regulatory Commission (NRC) completed a security baseline inspection at your Braidwood Station Units 1 & 2. 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 June 28, 2007, with Mr. B. Finlay and on January 12, 2007, 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 with the conditions of your license. The inspector reviewed selected procedures and records, observed activities, and interviewed personnel.

This report documents one finding of very low security significance (i.e., Green as determined by the Physical Protection Significance Determination Process). The deficiency was promptly corrected or compensated for, and the plant was in compliance with applicable physical protection and security requirements within the scope of this inspection before the inspectors left the site.

### **EXEMPT FROM PUBLIC DISCLOSURE**

May be exempt from public release under the Freedom of Information Act (5 U.S.C. 552)

Exemption number: 5  
Nuclear Regulatory Commission review required before public release.

Joseph Maynen, RIII/DRS/PSB  
Name and organization of person making determination.

Date of determination: 07/03/2007

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C. Crane

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NRC is treating this violation as a Non-Cited Violation (NCV) consistent with Section VI.A.1 of the NRC Enforcement Policy because of the very low security significance of the violation and because it is entered into your corrective action program. If you contest this NCV, you should provide a response within 30 days of the date of this inspection report, with the basis for your denial, to the Nuclear Regulatory Commission, ATTN.: Document Control Desk, Washington DC 20555-0001; with copies to the Regional Administrator Region X; the Director, Office of Enforcement, United States Nuclear Regulatory Commission, Washington, DC 20555-0001; and the NRC Resident Inspector at the Braidwood Station.

The finding was NRC 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 (PARS) component of NRC's document system, ADAMS. ADAMS is accessible from the NRC Website 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.

In accordance with 10 CFR 2.390(b)(1)(ii), the NRC is waiving the affidavit requirements for your response, if any. This practice will ensure that your response will not be made available electronically for public inspection in the NRC Public Document Room or from the NRC's document system, ADAMS. If Safeguards Information is necessary to provide an acceptable response, please provide the level of protection described in 10 CFR 73.21.

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

Sincerely,

***/RA by D. Funk acting for/***

Eric Duncan, Chief  
Plant Support Branch  
Division of Reactor Safety

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

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Nonpublic Enclosure: Inspection Report 05000456/2007401(DRS); 05000457/2007401(DRS)  
w/Attachment: Supplemental Information  
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05000457/2007401(DRS)

cc w/encl (**SAFEGUARDS INFORMATION**):

D. Riffle (NSIR/DSO/DDSO)  
M. Layton, NSIR/DSP/MTWSB  
B. Findlay, Braidwood Security Manager  
State Liaison Officer, State of Illinois

cc w/o encl (**SAFEGUARDS INFORMATION**):

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  
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Illinois Emergency Management Agency  
Chairman, Illinois Commerce Commission

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B. Findlay, Braidwood Security Manager  
State Liaison Officer, State of Illinois

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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  
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Assistant Attorney General  
Illinois Emergency Management Agency  
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