~~SAFEGUARDS INFORMATION~~

UNITED STATES
NUCLEAR REGULATORY COMMISSION
Region III
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532-4352

October 18, 2006

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

SUBJECT: CLINTON POWER STATION, UNIT 1 - NRC INSPECTION REPORT 05000461/2006006

Dear Mr. Crane:

On September 11, 2006, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at your Clinton Power Station, Unit 1. The enclosed inspection report documents the inspection results, which were discussed on September 14, 2006, with Mr. B. Hanson 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 and 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, which 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.

Enclosure Contains Safeguards Information. When Separated from enclosure, this cover document is DECONTROLLED.

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Safeguards information determination made by:
Name/Title Barry C.Westreich, Chief
Organization NSIR/DNS/SOS
Basis 2/25/02 NRC Order
Signature /RA/

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.

Sincerely,

Mark A. Ring, Chief
Reactor Projects Branch 1
Division of Reactor Projects

Docket No. 50-461
License No. NPF-62

Enclosure: NRC Inspection Report 05000461/2006006 (**SAFEGUARDS INFORMATION**)

cc w/encl; **w/SAFEGUARDS INFORMATION**:
C. Williamson, Clinton Site Security Manager
State Liaison Officer, State of Illinois

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C. Williamson, Clinton Site Security Manager
State Liaison Officer, State of Illinois

Distribution w/o encl:
J. Caldwell, RA
G. Grant, DRA
C. Pederson, DRS
C. Ariano, DRMA

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Distribution w/encl; **w/SAFEGUARDS INFORMATION**:
B. Dickson, Senior Resident Inspector
B. Westreich, NSIR
B. Clayton, NRR

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