

Official Use Only - Security-Related Information

April 10, 2007

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 NRC MATERIAL CONTROL
AND ACCOUNTING TI 2515/154 PHASE III INSPECTION
REPORT 05000461/2007402

Dear Mr. Crane:

From February 26 through March 2, 2007, the U.S. Nuclear Regulatory Commission (NRC) conducted a material control and accounting safeguards program inspection at your Clinton Power Station. The inspection was conducted under Phase III of Temporary Instruction (TI) 2515/154. The enclosed report documents the inspection results, which were discussed on with Mr. F. Kearney and other members of your staff during the exit meeting on March 2, 2007.

This inspection examined activities conducted under your license as they relate to safety and to compliance with the Commission's rules and regulations and with the conditions of your license. The inspectors reviewed selected procedures and records, observed storage of special nuclear material in the spent fuel pool, and interviewed personnel. Areas examined during the inspection included physical inventory and accounting records.

Based on the results of this inspection, no findings of significance were identified. However, a licensee identified violation which was determined to be of very low safety significance, is listed in this report. The violation is being treated as a Non-Cited Violation (NCV), consistent with Section VI.A of the Enforcement Policy. If you contest the violation or significance of the NCV, you should provide a response within 30 days of the date of this inspection report, with

<p>EXEMPT FROM PUBLIC DISCLOSURE</p> <p>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>Christine A. Lipa, RIII/DRP/BR4 Name and organization of person making determination.</p> <p>Date of determination: <u>03/26/2007</u></p>
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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 III; the Director, Office of Enforcement, United States Nuclear Regulatory Commission, Washington, DC 20555-0001; and the NRC Resident Inspector at the Clinton Nuclear Plant.

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), 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 sensitive information 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 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. Otherwise, mark your entire response "Security-Related Information - Withhold Under 10 CFR 2.390" and follow the instructions for withholding in 10 CFR 2.390(b)(1).

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

Sincerely,

/RA/

Christine A. Lipa, Chief
Branch 4
Division of Reactor Projects

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

Enclosure: Inspection Report No. 05000461/2007402
w/Attachment: Supplemental Information

cc w/encl: Site Vice President - Clinton Power Station
State Liaison Officer, State of Illinois

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Christine A. Lipa, Chief
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cc w/encl: Site Vice President - Clinton Power Station
State Liaison Officer, State of Illinois

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cc wo/encl:

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Regulatory Assurance Manager - Clinton Power Station

Chief Operating Officer

Senior Vice President - Nuclear Services

Vice President - Operations Support

Vice President - Licensing and Regulatory Affairs

Manager Licensing - Clinton Power Station

Senior Counsel, Nuclear, Mid-West Regional Operating Group

Document Control Desk - Licensing

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