

~~OFFICIAL USE ONLY – SECURITY RELATED INFORMATION~~

March 12, 2008

Mr. Charles G. Pardee
Chief Nuclear Officer and Senior Vice President
Exelon Generation Company, LLC
200 Exelon Way
Kennet Square, PA 19348

SUBJECT: PEACH BOTTOM ATOMIC POWER STATION - NRC PHYSICAL SECURITY
DEVIATION MEMORANDUM INSPECTION REPORT NOS. 05000277/2008402,
5000278/2008402

Dear Mr. Pardee:

On February 14, 2008, the U.S. Nuclear Regulatory Commission (NRC) completed a Deviation Memorandum inspection at your Peach Bottom Atomic Power Station. The inspection covered one or more of the key attributes of the security cornerstone of the NRC's Reactor Oversight Process. The enclosed report documents the inspection results, which were discussed on February 14, 2008, with Mr. Michael Massaro, Plant Manager and other members of your staff.

The inspection examined activities conducted under your licenses as they relate to security and compliance with the Commission's rules and regulations and with the conditions of your licenses. The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel.

Based on the results of this inspection, no findings of significance were 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 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.

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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. 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).

Sincerely,

/RA/

James M. Trapp, Chief
Plant Support Branch 1
Division of Reactor Safety

Docket Nos. 50-277, 50-278
License Nos. DPR-44, DPR-56

Enclosure: Inspection Report 05000277/2008402, 05000278/2008402
w/Attachment: Supplemental Information (OUO)

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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. 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).

Sincerely,

/RA/

James M. Trapp, Chief
Plant Support Branch 1
Division of Reactor Safety

Docket Nos. 50-277, 50-278
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SUNSI Review Complete: _____JMT_____ (Reviewer's Initials)

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cc w/encl; w/OUO:

J. Kovalchick, Director, Nuclear Security
J. Powers, Pennsylvania State Security
D. Allard, State of Pennsylvania SLO
S. Pattison, Assistant Secretary, MD Department of the Environment
A. Lauland, Director, Homeland Security Advisor

cc w/o encl; w/o OUO:

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M. Pacilio, Chief Operating Officer, Exelon
J. Grimes, Site Vice President, Peach Bottom
R. DeGregorio, Senior Vice President, Mid-Atlantic
R. Hovey, Senior Vice President, Nuclear Oversight
M. Massaro, Plant Manager, Peach Bottom
J. Armstrong, Regulatory Assurance Manager, Peach Bottom
J. Bardurski, Manager, Financial Control & Co-Owner Affairs
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R. McLean, Power Plant and Environmental Review Division (MD)
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Board of Supervisors, Peach Bottom Township
B. O'Connor, Council Administrator of Harford County Council
R. Ayers, Harford County Emergency Management
E. Crist, Harford County Emergency Management
S. Ayers, Emergency Planner, Harford County Div of Emergency Operations
R. Brooks, Cecil County Dept of Emergency Services
Mr & Mrs Dennis Hiebert, Peach Bottom Alliance
E. Epstein, TMI - Alert
J. Johnsrud, National Energy Committee, Sierra Club
Mr. & Mrs. Kip Adams
R. Fletcher, Department of Environment, Radiological Health Program
R. French, Dir, PA Emergency Management Agency
D. Lockbaum, Union of Concerned Scientists

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