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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
245 PEACHTREE CENTER AVENUE NE, SUITE 1200  
ATLANTA, GEORGIA 30303-1257

March 29, 2011

Mr. David A. Baxter  
Site Vice President  
Duke Power Company, LLC  
d/b/a Duke Energy Carolinas, LLC  
Oconee Nuclear Station  
7800 Rochester Highway  
Seneca, SC 29672

SUBJECT: OCONEE NUCLEAR STATION - NRC SECURITY INSPECTION REPORT  
05000269/2011405, 05000270/2011405, AND 05000287/2011405

Dear Mr. Baxter:

On March 8, 2011, the U. S. Nuclear Regulatory Commission (NRC) completed a security baseline inspection at your Oconee Nuclear Station Units 1, 2, and 3. 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 March 9, 2011, with Mr. T. King, and other members of your staff.

This 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 inspectors 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 finding is NRC identified. The deficiency was 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 inspector left the site. The finding had a cross-cutting aspect in the area of Human Performance. H.4 (b) in that, licensee personnel failed to follow procedures. If you contest this non-cited violation, you should provide a response within 30 days of the date of this inspection report, with the basis of your denial, to the Nuclear Regulatory Commission, Administrator, Region II; the Director, Office of Enforcement, United States Nuclear Regulatory Commission, Washington, DC 20555-0001; and the NRC Resident Inspector at the Oconee Nuclear Station. In addition, if you disagree with the cross-cutting aspect assigned to any finding in this report, you should provide a response within 30 days of the date of this inspection report, with the basis for your disagreement, to the Regional Administrator, RII, and the NRC Senior Resident Inspector at Oconee Nuclear Station

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2

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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. 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/**

Michael E. Ernstes, Chief  
Plant Support Branch 2  
Division of Reactor Safety

Docket Nos.: 05000269, 05000270, 05000287  
License Nos.: DPR-38, DPR-47, DPR-55

Enclosure:  
Inspection Report 05000269/2011405, 05000270/2011405, and 05000287/2011405  
w/Attachment: Supplemental Information (**OUO**)

cc: (See page 3)

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3

cc w/Encl:

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cc: (See page 3)  
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NAME	A.RICHARDSON	M.ERNSTES	J.BARTLEY				
DATE	3/29/2011	3/29/2011	3/39/2011				
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