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

October 31, 2013

Mr. George T. Hamrick
Vice President
Shearon Harris Nuclear Power Plant
Carolina Power and Light Company
P.O. Box 165, Mail Code: Zone 1
New Hill, NC 27562-0165

SUBJECT: SHEARON HARRIS NUCLEAR PLANT – NRC TEMPORARY INSTRUCTION
2515/186 INSPECTION REPORT 0500400/2013404

Dear Mr. Hamrick:

On October 3, 2013, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at your Shearon Harris Nuclear Plant using Temporary Instruction 2515/186, "Inspection of Procedures and Processes for Responding to Potential Aircraft Threats". The enclosed inspection report documents the inspection results which were discussed on October 3, 2013, with Mr. John Onfner and other members of your staff.

The objective of this inspection was to assess the implementation procedures and processes of Shearon Harris Nuclear Plant that are required by Title 10 of the *Code of Federal Regulations* (CFR), Part 50.54(hh)(1), which provides the requirements for responding to a potential aircraft threat. The results from this inspection, along with the results from this inspection performed at other operating commercial nuclear plants in the United States, will be used to evaluate the U.S. nuclear industry's readiness to safely respond to similar events. These results will also help the NRC to determine if additional regulatory actions are warranted.

No findings were identified during this inspection.

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 Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

However, the material enclosed herewith contains Security-Related Information in accordance with 10 CFR 2.390(d)(1) and its disclosure to unauthorized individuals could present a security vulnerability. Therefore, the material in the enclosure will not be made available electronically for public inspection in the NRC Public Document Room or from the PARS component of

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Sincerely,

/RA/

Mark E. Franke, Chief
Operations Branch 2
Division of Reactor Safety

Docket No. 50-400
License No. NPF-64

Enclosure: Inspection Report 0500400/2013404
w/Attachment: Supplemental Information (**Official Use Only**)

cc: (See page 3)

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NRC's ADAMS. If you choose to provide a response and Security-Related Information is necessary to provide an acceptable response, please mark your entire response "Security-Related Information – Withhold from public disclosure under 10 CFR 2.390" in accordance with 10 CFR 2.390(d)(1) and follow the instructions for withholding in 10 CFR 2.390 (b)(1). In accordance with 10 CFR 2.390(b)(1)(ii), the NRC is waiving the affidavit requirements for your response 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.

Sincerely,

/RA/

Mark E. Franke, Chief
Operations Branch 2
Division of Reactor Safety

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cc: (See page 3)

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Letter to George T. Hamrick from Mark E. Franke dated October 31, 2013.

SUBJECT: SHEARON HARRIS NUCLEAR PLANT – NRC TEMPORARY INSTRUCTION
2515/186 INSPECTION REPORT 0500400/2013404

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