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United States Nuclear Regulatory Commission
ATTENTION: Document Control Desk
Washington, DC 20555

SHEARON HARRIS NUCLEAR POWER PLANT
DOCKET NO. 50-400/RENEWED LICENSE NO. NPF-63
ANNUAL REPORT IN ACCORDANCE WITH TECHNICAL SPECIFICATION 6.9.1.2

Ladies and Gentlemen:

In accordance with Harris Nuclear Plant (HNP) Technical Specification 6.9.1.2, Carolina Power & Light Company, doing business as Progress Energy Carolinas, Inc., provides the following information regarding reactor coolant specific activity limits for 2009.

During 2009, activity levels in the HNP reactor coolant did not exceed 1.0 $\mu\text{Ci}/\text{gram}$ dose equivalent I-131 or 100/E-bar $\mu\text{Ci}/\text{gram}$ gross radioactivity as set forth in HNP Technical Specification 3.4.8.

If you have questions regarding this submittal, please contact me at (919) 362-3137.

Sincerely,

A handwritten signature in black ink, appearing to read 'D. H. Corlett'.

D. H. Corlett
Supervisor – Licensing/Regulatory Programs
Harris Nuclear Plant

DHC/mgw

- c: Mr. J. D. Austin (NRC Senior Resident Inspector, HNP)
Mr. L. A. Reyes (NRC Regional Administrator, Region II)
Ms. M. G. Vaaler (NRC Project Manager, HNP)