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May 16, 2011

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

Subject: Duke Energy Carolinas, LLC
Oconee Nuclear Station
Docket Nos. 50-269, 50-270 and 50-287
Annual Radiological Environmental Operating Report

Pursuant to Oconee Nuclear Station Technical Specification 5.6.2, please find enclosed the Oconee Nuclear Station Annual Radiological Environmental Operating Report for 2010.

Any questions concerning this report may be directed to Judy Smith at 864-873-4309.

Sincerely,

T. Preston Gillespie, Jr.
Vice President
Oconee Nuclear Station

Attachment 1 Annual Radiological Environmental Operating Report (hard copy)
Attachment 2 Annual Radiological Environmental Operating Report (CD)

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E.H. Wehrman

cc (Attachment 1 only):

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