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August 12, 2011

ATTN: Document Control Desk
Director, Spent Fuel Project Office
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: Duke Energy Carolinas, LLC
Oconee Nuclear Station, Units 1, 2, and 3
Renewed Operating Licenses: DPR-38, 47, and 55
Docket Numbers: 50-269, 270, and 287
Registration for Use of General License Spent Fuel Cask Number 121

In accordance with 10CFR72.212 (b)(1)(ii), Duke Energy Carolinas, LLC, hereby notifies the Commission of storage of dry fuel under Cask Certificate of Compliance 72-1004, Amendment 9. The date of storage was July 22, 2011, and the cask load number was 121. The cask model is the Standardized NUHOMS 24PHB and the dry storage canister identification number is ONS-24PHBL-HZ121. The physical storage location at Oconee Nuclear Station's Independent Spent Fuel Storage Installation is Module E-66.

If there are any questions regarding this registration, please contact Stephen C. Newman, of the Oconee Regulatory Compliance Group, at (864) 873-4388.

Sincerely,

T. Preston Gillespie, Jr.,
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U. S. Nuclear Regulatory Commission
August 12, 2011

Page 2

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