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September 21, 2010

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 Site, 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 115

In accordance with 10CFR72.212 (b)(1)(ii), Duke Energy Carolinas, LLC (Duke Energy), hereby notifies the Commission of storage of dry fuel under Cask Certificate of Compliance 72-1004, Amendment 9. The date of storage was September 3, 2010, and the cask load number was 115. The cask model is the Standardized NUHOMS 24PHB and the dry storage canister identification number is ONS-24PHBL-HZ115. The physical storage location at Oconee Nuclear Station's Independent Spent Fuel Storage Installation is Module E-64.

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

Sincerely,

Dave Baxter
Vice President,
Oconee Nuclear Station

NM5501

U. S. Nuclear Regulatory Commission
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