



DAVE BAXTER
Vice President
Oconee Nuclear Station

Duke Energy Corporation
ON01VP/7800 Rochester Highway
Seneca, SC 29672

864-885-4460
864-885-4208 fax
dabaxter@dukeenergy.com

August 13, 2008

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 100

In accordance with 10CFR72.212(b)(1)(ii), Duke Energy Carolinas, LLC (Duke), hereby notifies the Commission of storage of dry fuel under Cask Certificate of Compliance 72-1004, Amendment 9. The date of storage was August 1, 2008; the Cask Load Number was 100. The cask model is the Standardized NUHOMS 24PHB, the dry storage canister (DSC) identification number is ONS-24PHBL-HZ100; the physical location at the Oconee ISFSI was Module E43.

If there are any questions regarding this registration, please contact Stephen C. Newman, Oconee Regulatory Compliance Lead Engineer, at (864) 885-4388.

Very truly yours,

Dave Baxter
Vice President,
Oconee Nuclear Site

445501

U. S. Nuclear Regulatory Commission
August 13, 2008

Page 2

cc:

Mr. Luis Reyes, Regional Administrator
Region II

Mr. Andy Hutto, Senior Resident Inspector
Oconee Nuclear Site

Mr. Lenny Olshan, Project Manager
Office of Nuclear Reactor Regulation

Senior Fuel Facility Inspector, Region II