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BY:

CAGRAY CAG/SAH ON03RC



DAVE BAXTER
Vice President

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June 30, 2010

U. S. Nuclear Regulatory Commission Attention: Document Control Desk

Washington, DC 20555

Subject:

Duke Energy Carolinas, LLC

Oconee Nuclear Station

Docket Nos. 72-4, 50-269, 50-270, 50-287 Independent Spent Fuel Storage Installation

Updated Final Safety Analysis Report (UFSAR) 2009 Revision

Pursuant to 10 CFR 72.70 (b), enclosed is a CD-ROM containing one copy of the Oconee 2009 Independent Spent Fuel Storage Installation (ISFSI) UFSAR. The CD-ROM is provided based on the guidance in NRC Regulatory Issue Summary (RIS) 2001-05, Guidance on Submitting Documents to the NRC by Electronic Information Exchange or on CD-ROM. RIS 2001-05 waives the requirement that licensees receive case-by-case approval required by 10 CFR 50.4(c) for submittal by electronic information exchange (EIE) or by CD-ROM. The RIS also waives requirements that multiple copies of paper or electronic documents be submitted to the NRC.

The effective date for this update is December 31, 2009, as indicated at the bottom of each page. The changes are indicated by side bars. The enclosed CD-ROM includes all text, tables and figures in PDF format.

If there are any questions about this update, please call Corey Gray at (864)-873-6325.

I declare under penalty of perjury that the foregoing is true and correct. Executed on June 30, 2010.

Sincerely,

Dave Baxter

Site Vice President

Oconee Nuclear Site

AOS3 NER U. S. Nuclear Regulatory Commission June 30, 2010 Page 2

CC:

Mr. Luis Reyes Regional Administrator, Region II U. S. Nuclear Regulatory Commission Marquis One Tower 245 Peachtree Center Ave., NE, Suite 1200 Atlanta, GA 30303-1257

Mr. Andrew Sabisch Senior NRC Resident Inspector Oconee Nuclear Station

Mr. John Stang Project Manager Office of Nuclear Reactor Regulation U. S. Nuclear Regulatory Commission Mail Stop 8 G9A Washington, DC 20555

Director, Office of Nuclear Material Safety and Safeguards U. S. Nuclear Regulatory Commission Washington, DC 20555 J. S. Nuclear Regulatory Commission June 30, 2010 Page 3

bxc (W/ Attachment):

ELL - ECO50

ONS Information Service and Compliance

Bxc (W/O Attachment):

R. L. Gill (NRIA)

R. D. Hart (CNS) K. L. Ashe (MNS)

K. R. Alter