



T. PRESTON GILLESPIE, Jr.
Vice President
Oconee Nuclear Station

Duke Energy
ON01VP / 7800 Rochester Hwy.
Seneca, SC 29672

864-873-4478
864-873-4208 fax
T.Gillespie@duke-energy.com

October 14, 2010

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

Subject: Duke Energy Carolinas, LLC
Oconee Nuclear Station, Units 1, 2, and 3
Docket Numbers 50-269, 50-270, and 50-287
Request for Additional Information regarding the License Amendment Request to
adopt NFPA 805 Performance-Based Standard for Fire Protection for Light
Water Reactor Generating Plants (2001 Edition)
License Amendment Request (LAR) 2008-01

In accordance with 10 CFR 50.90, Duke Energy Carolinas, LLC (Duke Energy) proposes to amend Renewed Facility Operating Licenses (FOLs) Nos. DPR-38, DPR-47, and DPR-55. This License Amendment Request (LAR) requests Nuclear Regulatory Commission (NRC) review and approval for adoption of a new fire protection licensing basis which complies with the requirements in 10 CFR 50.48(a), 10 CFR 50.48(c), and the guidance in Regulatory Guide (RG) 1.205. The LAR was submitted to the NRC on April 14, 2010.

The NRC issued a formal request for additional information (RAI) on July 30, 2010. Duke Energy requested an extension for the response on August 26, 2010 and submitted the response, as stated, on September 13, 2010. The NRC issued additional RAIs on August 25, 2010. The responses were submitted September 27, 2010.

This response addresses RAIs issued on September 14, 2010. Enclosure 1 provides responses to 3-3.1, 3-16.2, and 3-49. RAI 5-80 does not require a written response at this time due to Duke Energy's consideration of an industry PEER review. An industry PEER review will address the concern in RAI 5-80; thereby, eliminating the need for the response.

There are no new commitments being made as a result of this supplement. Other activities requiring further actions will be tracked in the corrective action program and are not considered commitments.

A001
A006
NRR

U. S. Nuclear Regulatory Commission
October 14, 2010
Page 2

If there are any questions regarding this submittal, please contact Reene' Gambrell at (864) 873-3364 or David J. Goforth at (704) 382-2659.

I declare under penalty of perjury that the foregoing is true and correct. Executed on October 14, 2010.

Sincerely,



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

Enclosure:

1. Request for Additional Information regarding the License Amendment Request to adopt NFPA 805 Performance-Based Standard for Fire Protection for Light Water Reactor Generating Plants (2001 Edition)

U. S. Nuclear Regulatory Commission
October 14, 2010
Page 3

cc: w/o enclosures

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

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

Mr. Paul Lain, NFPA-805 Program Manager
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Mail Stop O-10 C15
Washington, D. C. 20555

Mr. Andy Sabisch
Senior Resident Inspector
Oconee Nuclear Station

Susan E. Jenkins, Manager
Radioactive & Infectious Waste Management
SC Dept. of Health and Env. Control
2600 Bull St.
Columbia, SC 29201