



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
WASHINGTON, D.C. 20555-0001

July 12, 2016

Mr. Steven D. Capps  
Vice President  
McGuire Nuclear Station  
Duke Energy Carolinas, LLC  
12700 Hagers Ferry Road  
Huntersville, NC 28078-8985

**SUBJECT: MCGUIRE NUCLEAR STATION, UNITS 1 AND 2 - REQUEST FOR  
ADDITIONAL INFORMATION REGARDING LICENSE AMENDMENT  
REQUEST TO IMPLEMENT A RISK-INFORMED, PERFORMANCE-BASED  
FIRE PROTECTION PROGRAM (CAC NOS. MF2934 AND MF2935)**

Dear Mr. Capps:

By letter dated September 26, 2013 (Agencywide Documents Access and Management System Accession No. ML13276A126), Duke Energy Carolinas, LLC (the licensee) submitted a license amendment request (LAR) to change its fire protection program to one based on the National Fire Protection Association (NFPA) Standard 805, "Performance-Based Standard for Fire Protection for Light Water Reactor Electric Generating Plants," 2001 Edition. The U.S. Nuclear Regulatory Commission (NRC) staff has determined that additional information is needed for the staff to complete its review.

In LAR Attachment A for NFPA 805, Section 3.3.4, "Insulation Materials," the licensee used a compliance statement of "Comply" and stated that thermal insulation materials, radiation shielding materials, ventilation duct materials, and soundproofing materials are non-combustible or limited combustible. The NRC staff would like to confirm its understanding of whether these insulation materials meet the NFPA 805 code definition of "limited combustible" and the disposition of the issue by the licensee.

S. Capps

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Please provide the results of your analysis of the materials covered under NFPA 805, Section 3.3.4 and make appropriate revisions to the LAR that support justification for the associated compliance statement.

Sincerely,

A handwritten signature in black ink that reads "Bob Martin". The signature is written in a cursive style with a large, prominent "B" and "M".

Bob Martin, Senior Project Manager  
Plant Licensing Branch II-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-369 and 50-370

cc: Distribution via Listserv

S. Capps

- 2 -

Please provide the results of your analysis of the materials covered under NFPA 805, Section 3.3.4 and make appropriate revisions to the LAR that support justification for the associated compliance statement.

Sincerely,

*/RA/*

Bob Martin, Senior Project Manager  
Plant Licensing Branch II-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-369 and 50-370

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