

NRR-PMDAPEm Resource

From: Paige, Jason
Sent: Wednesday, December 18, 2013 3:51 PM
To: Bryant, Julius W (Julius.Bryant@duke-energy.com)
Cc: Robertson, Jeffrey N (Jeffrey.Robertson@duke-energy.com)
Subject: McGuire 1 and 2 NFPA 805 License Amendment Request - Unacceptable with the Opportunity to Supplement

Julius,

By letter dated September 26, 2013, Duke Energy Carolinas, LLC submitted a license amendment request for McGuire, Units 1 and 2. The proposed amendment would adopt a new fire protection licensing basis which complies with the requirements in Title 10 of the *Code of Federal Regulations* (10 CFR), Section 50.48(a), 10 CFR 50.48(c), and the guidance in Regulatory Guide (RG) 1.205, "Risk-Informed, Performance Based Fire Protection for Existing Light-Water Nuclear Power Plants," Revision 1, dated December 2009. The purpose of this email is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of this amendment request. The acceptance review was performed to determine if there is sufficient technical information in scope and depth to allow the NRC staff to complete its detailed technical review. The acceptance review is also intended to identify whether the application has any readily apparent information insufficiencies in its characterization of the regulatory requirements or the licensing basis of the plant.

On December 18, 2013, the NRC staff and Duke Energy held a teleconference to discuss four draft questions generated during the acceptance review. At the conclusion of the call, the staff determined that one of the four questions is necessary to enable the NRC staff to make an independent assessment regarding the acceptability of the proposed amendment request. Below is the requested information. In order to make the application complete, the NRC staff requests that Duke Energy supplement the application to address the information requested below by January 8, 2014.

1. Table W-1 states that the total fire CDF is 2.70E-5/yr for Unit 1 and 3.87E-5/yr for Unit 2. Please summarize the principle difference(s) between the Units that cause the different risk estimates. Please also provide a Table of the Unit 2 risk-significant scenarios such as that provide in Table W-2 for Unit 1.

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