May 15, 2012

Mr. Preston Gillespie
Site Vice President
Oconee Nuclear Station
Duke Energy Carolinas, LLC
7800 Rochester Highway
Seneca, SC 29672

SUBJECT: OCONEE NUCLEAR STATION, UNITS 1, 2, AND 3 - REQUEST FOR ADDITIONAL INFORMATION REGARDING MODIFICATIONS TO ADDRESS EXTERNAL FLOODING CONCERNS (TAC NOS. ME7970, ME7971, AND ME7972)

Dear Mr. Gillespie:

By letter dated June 22, 2010, the U.S. Nuclear Regulatory Commission (NRC) issued a confirmatory action letter (CAL) to Duke Energy Carolinas, LLC (Duke, the licensee), associated with the mitigation of external flooding hazards at the Oconee Nuclear Station, Units 1, 2, and 3 (ONS) site, resulting from a postulated failure of the Jocassee Dam. By letter dated August 18, 2011, the NRC requested additional information on your responses to the CAL.

By letter dated October 17, 2011, you provided the requested information to the NRC. The NRC has reviewed the information provided, and found that additional information is necessary for the NRC to determine if the commitments in the CAL will be met. Please provide the following information associated with your modifications:

1. Your letter stated that the mitigative features that Duke plans to implement at the ONS site will be designed, procured, constructed and operated in accordance with the applicable regulatory and industry standards, as appropriate. Provide further information identifying the specific codes and standards that will be used in the design of the new flood walls.

2. Provide the seismic criteria for the flood walls contained in these codes and standards. If there are no seismic criteria, provide an estimate of the peak ground acceleration that the flood walls could withstand and remain functional.

Please provide a response to the above items within 30 days from the date of this letter.
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If you have any questions, please call John Boska at 301-415-2901.

Sincerely,

/RA/

Michele G. Evans, Director
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-269, 50-270, and 50-287

If you have any questions, please call John Boska at 301-415-2901.

Sincerely,

/RA/

Michele G. Evans, Director
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-269, 50-270, and 50-287

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