

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.

~~OFFICIAL USE ONLY – SECURITY RELATED INFORMATION~~

P. Gillespie

- 2 -

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

~~OFFICIAL USE ONLY – SECURITY RELATED INFORMATION~~

P. Gillespie

- 2 -

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

DISTRIBUTION:

Nonpublic  
RidsNrrLASFiguroa  
RidsNrrDe Resource  
RidsNrrOd Resource  
RidsAcrsAcnw\_MailCTR Resource  
RidsNrrPMOcone Resource

RidsNrrDorLPL2-1 Resource  
RidsNrrDeEmcb Resource  
RidsNrrDorL Resource  
RidsRgn2MailCenter Resource  
RidsOgcRp Resource  
LPL2-1 r/f

**ADAMS Accession No.: ML12129A186**

OFFICE	LPL2-1/PM	LPL2-1/LA	LPL2-1/BC	DE/EMCB/BC	DE/D	DORL/D
NAME	JBoska	SFiguroa	NSalgado	MMurphy	PHiland	MEvans
DATE	05/10/12	05/09/12	05/10/12	05/10/12	05/10/12	05/15/12

**OFFICIAL RECORD COPY**