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

February 11, 2013

Mr. Michael J. Annacone, Vice President
Brunswick Steam Electric Plant
Carolina Power & Light Company
Post Office Box 10429
Southport, NC 28461

SUBJECT: BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2 - DRAFT SAFETY EVALUATION FOR AMENDMENTS REGARDING ADDITION OF ANALYTICAL METHODOLOGY TOPICAL REPORTS TO TECHNICAL SPECIFICATION 5.6.5 AND REVISION TO MINIMUM CRITICAL POWER RATIO SAFETY LIMIT (TAC NOS. ME8135 AND ME8136)

Dear Mr. Annacone:

By letter dated March 6, 2012, as supplemented by letters dated August 29, 2012, September 21, 2012, November 29, 2012, and January 22, 2013, Carolina Power & Light Company submitted a license amendment request to the U.S. Nuclear Regulatory Commission (NRC) staff for review. Enclosed for Carolina Power & Light Company review and comment is a copy of the NRC staff's Draft Safety Evaluation (SE) for the license amendment regarding Brunswick Steam Electric Plant, Units 1 and 2. Your review and comment should be limited to the proprietary nature of the safety evaluation.

Pursuant to Section 2.390 of Title 10 of the *Code of Federal Regulations* (10 CFR), we have determined that the enclosed draft SE does not contain proprietary information. However, we will delay placing the draft SE in the public document room for a period of 10 working days from the date of this letter to provide you with the opportunity to comment on any proprietary aspects. If you believe that any information in the enclosure is proprietary, please identify such information line-by-line and define the basis pursuant to the criteria of 10 CFR 2.390. After 10 working days, the draft SE will be made publicly available. The final SE will be issued after making any necessary changes and will be made publicly available. The NRC staff's disposition of your comments on the draft SE will be discussed in the final SE.

To facilitate the NRC staff's review of your comments, please provide a marked-up copy of the SE showing proposed changes and provide a summary table of the proposed changes.

The enclosure transmitted herewith contains Sensitive Unclassified Non-Safeguards Information. When separated from the enclosure, this transmittal document is decontrolled.

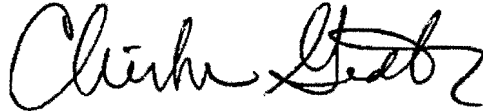
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M. Annacone

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If you have any questions, please contact me at 301-415-1055.

Sincerely,

A handwritten signature in black ink, appearing to read "Chris Gratton". The signature is fluid and cursive, with a large initial "C" and a long, sweeping tail.

Christopher Gratton, Senior Project Manager
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-325 and 50-324

Enclosure:

As stated

cc w/enclosure: Distribution via ListServ

M. Annacone

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If you have any questions, please contact me at 301-415-1055.

Sincerely,

/RA/

Christopher Gratton, Senior Project Manager
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-325 and 50-324

Enclosure:
As stated

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