

June 15, 2007

Mr. James Scarola, Vice President
Brunswick Steam Electric Plant
Carolina Power & Light Company
Post Office Box 10429
Southport, North Carolina 28461

SUBJECT: NRC RECEIPT OF CAROLINA POWER & LIGHT COMPANY RESPONSE TO
GENERIC LETTER 2006-03, "POTENTIALLY NONCONFORMING HEMYC
AND MT FIRE BARRIER CONFIGURATIONS" FOR BRUNSWICK STEAM
ELECTRIC PLANT, UNIT NOS. 1 AND 2 (TAC NOS. MD1555 AND MD1556)

Dear Mr. Scarola:

The Nuclear Regulatory Commission (NRC) acknowledges the receipt of your June 6, 2006, response to Generic Letter 2006-03, "Potentially Nonconforming Hemyc and MT Fire Barrier Configurations," for the Brunswick Steam Electric Plant, Unit Nos. 1 and 2 (Brunswick). Under oath or affirmation, you have stated that Brunswick does not rely on either the Hemyc or MT fire barrier system. You have submitted documentation under oath or affirmation that other 1- or 3-hour fire barrier that separates redundant safe shutdown trains located within the same fire area have been designed and installed in accordance with manufacturers instructions and, based on Section 9.5.1.4.3.2 of the Brunswick Updated Final Safety Analysis Report, Revision 20, all fire barriers are tested to fire tests that model ASTM E-119 fire exposures. Based on your response, the basis for stating that the other fire barriers have been designed and installed to provide the required fire resistance rating should be maintained on site, and will be subject to inspection during the normal NRC inspection process.

Please contact me at 301-415-1321 if you have any questions on this issue.

Sincerely,

/RA/

Stewart N. Bailey, 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

cc: See next page

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Mr. James Scarola
Carolina Power & Light Company

Brunswick Steam Electric Plant
Units 1 and 2

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