

August 15, 2006

Mr. James Scarola, Vice President
Carolina Power and Light Company
Brunswick Steam Electric Plant
P. O. Box 10429
Southport, NC 28461

SUBJECT: BRUNSWICK STEAM ELECTRIC PLANT - NRC MATERIAL CONTROL AND
ACCOUNTING PROGRAM INSPECTION REPORT NOS. 05000325/2006202
AND 05000324/2006202

Dear Mr. Scarola:

On July 10-13, 2006, the U.S. Nuclear Regulatory Commission (NRC) conducted a material control and accounting (MC&A) safeguards inspection at your Brunswick Steam Electric Plant facility. The inspection was conducted under Phase III of Temporary Instruction 2515/154. The enclosed inspection report documents the inspection findings, which were discussed during a preliminary exit meeting on July 13, 2006, with members of your staff, and in a supplemental exit meeting by telephone on August 3, 2006.

The inspection examined activities conducted under your license as they relate to safety, security and compliance with the Commission's rules and regulations and with the conditions of your license. The inspectors reviewed selected procedures and records, observed storage of special nuclear material in the spent fuel pool, and interviewed personnel. Areas examined during the inspection included physical inventory and accounting records.

Based on the results of this inspection, no findings of significance were identified.

When separated from the Enclosure, this document is DECONTROLLED.

J. Scarola

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Should you have any questions concerning this report, please contact Glenn Tuttle at (301) 415-7644 or Dori Votolato (301) 415-7633.

Sincerely,

/RA/

Jeffrey Cruz, Chief
Material Security Oversight Branch
Division of Security Operations
Office of Nuclear Security and Incident Response

Docket Nos.: 50-325, 50-324
License Nos.: DPR-71, DPR-62

Enclosure: MC&A Inspection Report 05000325/2006202, 05000324/2006202
w/Attachment: Supplemental Information

cc w/enclosure:
T. P. Cleary, Director, Site Operations
B. C. Waldrep, Plant General Manager
L. Beller, Supervisor, Licensing/Regulatory Programs

cc w/o enclosure:
B. O. Hall, Section Chief, Dept. Of Environment & Natural Resources

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J. Scarola

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