



Progress Energy

Michael J. Annacone
Vice President
Brunswick Nuclear Plant

JUN 16 2010

SERIAL: BSEP 10-0068

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Director, Spent Fuel Project Office
Office of Nuclear Material Safety and Safeguards
Washington, DC 20555-0001

Subject: Brunswick Steam Electric Plant, Unit Nos. 1 and 2
Renewed Facility Operating License Nos. DPR-71 and DPR-62
Docket Nos. 50-325 and 50-324
ISFSI Docket No. 72-006
90-Day Notification Prior to First Storage of Spent Fuel

Ladies and Gentlemen:

In accordance with 10 CFR 72.212, "Conditions of general license issued under 72.210," paragraph (b)(1)(i), Carolina Power & Light Company (CP&L), now doing business as Progress Energy Carolinas, Inc., is notifying the NRC at least 90 days prior to the first storage of spent fuel at the Brunswick Steam Electric Plant's (BSEP's) Independent Spent Fuel Storage Installation (ISFSI). The loading of spent fuel into Transnuclear NUHOMS storage casks will be under the BSEP general license. Loading activities are currently scheduled to commence on or about October 4, 2010.

Licensee Name:	Carolina Power & Light Company
Licensee Address:	P.O. Box 10429 Southport, NC 28461-0429
Reactor License Numbers:	DPR-71 (Unit 1); DPR-62 (Unit 2)
Reactor Docket Numbers:	50-325 (Unit 1); 50-324 (Unit 2)
ISFSI Docket Number:	72-006
Person responsible for providing additional information:	Mr. Michael J. Annacone Telephone: (910) 457-3698

As required by 10 CFR 72.212(b)(1)(i), a copy of this notification is provided to Mr. Luis A. Reyes, Regional Administrator, NRC Region II.

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There are no regulatory commitments contained in this letter. Please refer any questions regarding this submittal to Ms. Annette Pope, Supervisor - Licensing/Regulatory Programs, at (910) 457-2184.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael J. Annacone". The signature is written in a cursive style with a large initial "M".

FOR
Michael J. Annacone

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WRM/wrm

cc: U. S. Nuclear Regulatory Commission, Region II
ATTN: Mr. Luis A. Reyes, Regional Administrator
245 Peachtree Center Ave, NE, Suite 1200
Atlanta, GA 30303-1257

U. S. Nuclear Regulatory Commission
ATTN: Mr. Philip B. O'Bryan, NRC Senior Resident Inspector
8470 River Road
Southport, NC 28461-8869

U. S. Nuclear Regulatory Commission **(Electronic Copy Only)**
ATTN: Mrs. Farideh E. Saba (Mail Stop OWFN 8G9A)
11555 Rockville Pike
Rockville, MD 20852-2738

Chair - North Carolina Utilities Commission
P.O. Box 29510
Raleigh, NC 27626-0510

Mr. W. Lee Cox, III, Section Chief
Radiation Protection Section
North Carolina Department of Environment and Natural Resources
1645 Mail Service Center
Raleigh, NC 27699-1645

Mr. Jack M. Given, Jr., Bureau Chief
North Carolina Department of Labor
Boiler Safety Bureau
1101 Mail Service Center
Raleigh, NC 27699-1101