

April 14, 2006

Mr. Cornelius J. Gannon, Vice President
Brunswick Steam Electric Plant
Carolina Power & Light Company
Post Office Box 10429
Southport, NC 28461-0429

SUBJECT: NOTICE OF AVAILABILITY OF THE FINAL SUPPLEMENT 25 TO THE
GENERIC ENVIRONMENTAL IMPACT STATEMENT (GEIS) REGARDING
LICENSE RENEWAL FOR BRUNSWICK STEAM ELECTRIC PLANT,
UNITS 1 AND 2 (TAC NOS. MC4641 AND MC4642)

Dear Mr. Gannon:

The U.S. Nuclear Regulatory Commission (NRC) staff has completed the plant-specific Supplement 25 to NUREG-1437, "Generic Environmental Impact Statement for License Renewal of Nuclear Plants" (GEIS), regarding the renewal of operating licenses DPR-71 and DPR-62 for an additional 20 years of operation at Brunswick Steam Electric Plant, Units 1 and 2. Enclosed is a copy of the final report and the associated *Federal Register* Notice of Availability. This notice advises the public that the final report is publicly available on the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC website at <http://www.nrc.gov/reading-rm/adams.html>. The accession number for the final Supplement 25 to the GEIS is ML060900480. In addition, the University of North Carolina at Wilmington, William Madison Randall Library, located at 601 S. College Rd, Wilmington, NC 28403-5616, has agreed to make the final Supplement 25 available for public inspection.

As discussed in Section 9.3 of this report, the staff recommends that the Commission determine that the adverse Environmental Impacts of License Renewal for Brunswick Steam Electric Plant, Units 1 and 2, are not so great that preserving the option of license renewal for energy-planning decision makers would be unreasonable. This recommendation is based on: (1) the analysis and findings in the GEIS; (2) the Environmental Report submitted by the Carolina Power & Light Company; (3) consultation with Federal, State, and local agencies; (4) the staff's own independent review; and (5) the staff's consideration of public comments received during the environmental review.

C. Gannon

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A separate notice of filing of the Final Environmental Impact Statement will be placed in the *Federal Register* through the U.S. Environmental Protection Agency. If you have any questions regarding this matter, please contact the NRC Environmental Project Manager, Ms. Alicia R. Williamson, at 1-800-368-5642, extension 1878 or by email at ARW1@nrc.gov.

Sincerely,
/RA/

Frank P. Gillespie, Director
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket Nos. 50-325 and 50-324

Enclosure: As stated

cc w/encl: See next page

C. Gannon

-2-

A separate notice of filing of the final environmental impact statement will be placed in the *Federal Register* through the U.S. Environmental Protection Agency. If you have any questions regarding this matter, please contact the NRC Environmental Project Manager, Ms. Alicia R. Williamson, at 1-800-368-5642, extension 1878 or by email at ARW1@nrc.gov.

Sincerely,
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Frank P. Gillespie, Director
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Office of Nuclear Reactor Regulation

Docket Nos. 50-325 and 50-324

Enclosure: As stated

cc w/encl: See next page

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Adams Accession nos.:

1. Ltr to C. Gannon: **ML061030224**
2. Final Supplement 25, NUREG-1437 "Generic Environmental Impact Statement for License Renewal of Nuclear Plants": **ML060900480**
3. Pkg: **ML061030231**

Document Name: E:\Filenet\ML061030224.wpd

OFFICE	LA:DLR	REBA:DLR:GS	DLR:REBA:PM	OGC (NLO)	DLR:REBB:SC	D:DLR
NAME	Y. Edmonds	C. Guerrero	A. Williamson	P. Moulding	R. Franovich	F. Gillespie
DATE	3/20/06	3/28/06	3/28/06	3/27/06	3/28/06	3/28/06

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UNITED STATES NUCLEAR REGULATORY COMMISSIONCAROLINA POWER & LIGHT COMPANYBRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2DOCKET NOS. 50-325 AND 50-324NOTICE OF AVAILABILITY OF THE FINAL SUPPLEMENT 25 TO THE GENERIC ENVIRONMENTAL IMPACT STATEMENT REGARDING LICENSE RENEWAL FOR BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2

Notice is hereby given that the U.S. Nuclear Regulatory Commission (Commission) has published a final plant-specific supplement to the "Generic Environmental Impact Statement (GEIS), NUREG-1437 for License Renewal of Nuclear Plants", regarding the renewal of operating licenses DPR-71 and DPR-62 for an additional 20 years of operation at Brunswick Steam Electric Plant, Units 1 and 2 (BSEP). BSEP is operated by Carolina Power & Light Company (CP&L), now doing business as Progress Energy Carolinas, Inc. (PEC). BSEP is located in Brunswick County in southeastern North Carolina, near the mouth of the Cape Fear River. Possible alternatives to the proposed action (license renewal) include no action and reasonable alternative energy sources. **As discussed in Section 9.3 of the final Supplement 25, based on (1) the analysis and findings in the GEIS, (2) the CP&L Environmental Report; (3) consultation with Federal, State, and local agencies; (4) the staff's own independent review; and (5) the staff's consideration of public comments, the recommendation of the staff is that the Commission determine that the adverse environmental impacts of license renewal for BSEP are not so great that preserving the option of license renewal for energy-planning decision makers would be unreasonable.**

The final Supplement 25 to the GEIS is publicly available at the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible at <http://www.nrc.gov/reading-rm/adams.html>; a link is provided to access documents through the Internet-Based component of ADAMS. The accession number for the final Supplement 25 to the GEIS is ML060900480. Persons who do not have access to ADAMS, or who encounter problems in accessing the documents located in ADAMS, should contact the NRC's PDR Reference staff at 1-800-397-4209, or 301-415-4737, or by e-mail at pdr@nrc.gov. In addition, the William Madison Randall Library, located at 601 S. College Rd, Wilmington, NC 28403, has agreed to make the final Supplement 25 to the GEIS available for public inspection.

FOR FURTHER INFORMATION, CONTACT: Ms. Alicia R. Williamson,
Environmental Branch B, Division of License Renewal, U.S. Nuclear Regulatory Commission,
Washington, D.C., 20555. Ms. Williamson may be contacted at 1-800-368-5642, extension
1878 or via email at ARW1@nrc.gov.

Dated at Rockville, Maryland, this 13 day of April, 2006.

FOR THE NUCLEAR REGULATORY COMMISSION

/RA/

Frank P. Gillespie, Division Director
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Brunswick Steam Electric Plant
Units 1 and 2

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Units 1 and 2

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Brunswick Steam Electric Plant
Units 1 and 2

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