

June 26, 2006

Mr. James Scarola, Vice President  
Brunswick Steam Electric Plant  
Carolina Power & Light Company  
P. O. Box 10429  
Southport, NC, 28461-0429

SUBJECT: ISSUANCE OF RENEWED FACILITY OPERATING LICENSE NOS. DPR-71  
AND DPR-62 FOR BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2  
(TAC NOS. MC4639 AND MC4640)

Dear Mr. Scarola:

The U.S. Nuclear Regulatory Commission (NRC) has issued Renewed Facility Operating License Nos. DPR-71 and DPR-62 for the Brunswick Steam Electric Plant (BSEP), Units 1 and 2. The NRC issued the renewed facility operating licenses based on the staff's review of your application dated October 18, 2004, as supplemented by letters dated February 24, March 14, March 17, March 31, April 8, April 21, May 4, May 11, May 16, June 1, June 14, July 18, August 11, September 29, November 22, and December 6, 2005. The Technical Specifications for BSEP were not amended as a result of our review.

Enclosure 1 contains Renewed Facility Operating License No. DPR-71 and the attached Appendix A, "Technical Specifications."

Enclosure 2 contains Renewed Facility Operating License No. DPR-62 and the attached Appendix A, "Technical Specifications."

Renewed Facility Operating License No. DPR-71 expires at midnight September 8, 2036.  
Renewed Facility Operating License No. DPR-62 expires at midnight December 27, 2034.

The NRC published the technical basis for issuing the renewed license as NUREG-1856, "Safety Evaluation Report Related to the License Renewal of the Brunswick Steam Electric Plant (BSEP), Units 1 and 2," dated March 2006. The NRC also published the results of the environmental review related to the renewed license as NUREG-1437, "Generic Environmental Impact Statement for License Renewal of Nuclear Plants, Supplement 25, Regarding Brunswick Steam Electric Plant (BSEP), Units 1 and 2," dated April 2006.

J. Scarola

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Enclosure 3 is a copy of the related *Federal Register* notice of issuance of the renewed licenses. The original has been sent to the Office of the *Federal Register* for publication.

Sincerely,

**/RA/**

Maurice Heath, Project Manager  
License Renewal Branch A  
Division of License Renewal  
Office of Nuclear Reactor Regulation

Docket Nos. 50-325 and 50-324

Enclosures:

1. Renewed Facility Operating License No. DPR-71
2. Renewed Facility Operating License No. DPR-62
3. *Federal Register* Notice

cc w/ *Federal Register* Notice: See next page

J. Scarola

-2-

Enclosure 3 is a copy of the related *Federal Register* notice of issuance of the renewed licenses. The original has been sent to the Office of the *Federal Register* for publication.

Sincerely,

/RA/

Maurice Heath, Project Manager  
License Renewal Branch A  
Division of License Renewal  
Office of Nuclear Reactor Regulation

Docket Nos. 50-325 and 50-324

Enclosures:

1. Renewed Facility Operating License No. DPR-71
2. Renewed Facility Operating License No. DPR-62
3. *Federal Register* Notice

cc w/ *Federal Register* Notice: See next page

DISTRIBUTION:

See next page

ADAMS ACCESSION NOS.: ML061660353 - Package  
ML061660358 - Ltr to J. Scarola  
ML061660375 - Unit 1 Renewed License  
ML061660378 - Unit 2 Renewed License  
ML061660381 - *Federal Register* Notice  
ML052870412 - Unit 1 Appendix A  
ML052870405 - Unit 2 Appendix A

\* by e-mail

OFFICE	PM:RLRA:DLR	LA:RLRA:DLR	Tech Editor	PM:LPLD	PD:LPLD
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DATE	6/ 16 /06	6/ 21 /06	6/ 13 /06	6/ 20 /06	6/ 20 /06
OFFICE	OGC NLO	BC:RLRB	D:DLR	D:NRR	
NAME	STurk (w/ changes noted)	LLund	FGillespie (PTKuo for)	JDyer	
DATE	6/ 20 /06	6/ 16 /06	6/ 21 /06	6/ 26 /06	

OFFICIAL RECORD COPY

Brunswick Steam Electric Plant, Units 1 and 2

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Brunswick Steam Electric Plant, Units 1 and 2

cc:

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Letter to James Scarola From M. Heath dated June 26, 2006

SUBJECT: ISSUANCE OF RENEWED FACILITY OPERATING LICENSE NOS. DPR-71  
AND DPR-62 FOR BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2,  
(TAC NOS. MC4639 AND MC4640)

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