



John S. Keenan
Vice President
Brunswick Nuclear Plant

MAR 25 2002

SERIAL: BSEP 02-0071
TSC-2001-09

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-325 AND 50-324/LICENSE NOS. DPR-71 AND DPR-62
LICENSE CONDITION SUPPORTING REQUEST FOR LICENSE AMENDMENTS
EXTENDED POWER UPRATE
(NRC TAC NOS. MB2700 AND MB2701)

Ladies and Gentlemen:

On August 9, 2001 (i.e., Serial: BSEP 01-0086), Carolina Power & Light (CP&L) Company requested a revision to the Operating Licenses (OLs) and the Technical Specifications for the Brunswick Steam Electric Plant (BSEP), Units 1 and 2. The proposed license amendments increase the maximum power level authorized by Section 2.C.(1) of OLs DPR-71 and DPR-62 from 2558 megawatts thermal (MWt) to 2923 MWt.

The August 9, 2001, submittal stated that the Standby Liquid Control (SLC) system would be upgraded in support of the transition to GE14 fuel design. The SLC modification is not required until the second reload with GE14 on each unit and, as such, the associated license amendments, revising the sodium pentaborate solution concentration requirements contained in Technical Specification 3.1.7, "Standby Liquid Control (SLC) System," were not submitted as part of the EPU submittal.

In support of issuance of the extended power uprate amendment, CP&L is providing a license condition to be included in Appendix B, "Additional Conditions," of the OLs for BSEP Units 1 and 2. This license condition will require submittal of license amendment requests supporting the SLC system modifications. The enclosure to this letter provides the license conditions.

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Please refer any questions regarding this submittal to Mr. David C. DiCello,
Manager - Regulatory Affairs, at (910) 457-2235.

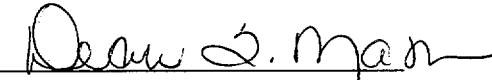
Sincerely,


John S. Keenan

MAT/mat

Enclosure:
License Condition

C. J. Gannon, having been first duly sworn, did depose and say that the information contained herein is true and correct to the best of his information, knowledge and belief; and the sources of his information are officers, employees, and agents of Carolina Power & Light Company.


Notary (Seal)

My commission expires: 8-29-04

cc:

U. S. Nuclear Regulatory Commission, Region II
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Atlanta, GA 30303-8931

U. S. Nuclear Regulatory Commission
ATTN: Mr. Theodore A. Easlick, NRC Senior Resident Inspector
8470 River Road
Southport, NC 28461-8869

U. S. Nuclear Regulatory Commission (**Electronic Copy Only**)
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Rockville, MD 20852-2738

U. S. Nuclear Regulatory Commission
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Ms. Jo A. Sanford
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P.O. Box 29510
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Mr. Mel Fry
Director - Division of Radiation Protection
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ENCLOSURE

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-325 AND 50-324/LICENSE NOS. DPR-71 AND DPR-62
LICENSE CONDITION SUPPORTING REQUEST FOR LICENSE AMENDMENTS
EXTENDED POWER UPRATE
(NRC TAC NOS. MB2700 AND MB2701)

License Condition

In support of issuance of the extended power uprate (EPU) amendment, CP&L is providing a license condition to be included in Appendix B, "Additional Conditions," of the Operating Licenses for BSEP Units 1 and 2. The proposed license condition, for Units 1 and 2, follow. Typed versions of Appendix B will be submitted when CP&L submits the final, typed Technical Specification pages in support of issuance of the EPU amendment.

Appendix B

Additional Conditions

<u>Amendment Number</u>	<u>Additional Conditions</u>	<u>Implementation Date</u>
<i>Unit 1 EPU Amendment Number</i>	The licensee shall submit a license amendment request, revising Technical Specification Section 3.1.7, "Standby Liquid Control (SLC) System," to ensure the SLC system: (1) remains capable of bringing the reactor to a subcritical condition with the reactor in the most reactive, xenon free state without taking credit for control rod movement, and (2) continues to meet the requirements of 10 CFR 50.62.	The Unit 1 license amendment request shall be submitted to the NRC by August 29, 2003.

Appendix B
Additional Conditions

Amendment
Number

Additional Conditions

Implementation Date

*Unit 2 EPU
Amendment
Number*

The licensee shall submit a license amendment request, revising Technical Specification Section 3.1.7, "Standby Liquid Control (SLC) System," to ensure the SLC system: (1) remains capable of bringing the reactor to a subcritical condition with the reactor in the most reactive, xenon free state without taking credit for control rod movement, and (2) continues to meet the requirements of 10 CFR 50.62.

The Unit 2 license amendment request shall be submitted to the NRC by August 30, 2002.