



**Carolina Power & Light Company**  
P.O. Box 10429  
Southport, NC 28461-0429

**OCT 26 2000**

SERIAL: BSEP 00-0153

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  
PLANT-SPECIFIC EMERGENCY CORE COOLING SYSTEM (ECCS) EVALUATION  
MODEL – REVISED SCHEDULE FOR MODEL REANALYSIS

Gentlemen:

By letter dated August 29, 2000 (Serial: BSEP 00-0119), in accordance with 10 CFR 50.46(a)(3)(ii), Carolina Power & Light (CP&L) Company submitted an annual report summarizing the effect of changes and errors in the limiting loss-of-coolant accident (LOCA) Emergency Core Cooling System (ECCS) evaluation model for the Brunswick Steam Electric Plant (BSEP), Unit Nos. 1 and 2. The letter also submitted information on the estimated effects of one change and three errors identified in the limiting ECCS evaluation model for BSEP. In the August 29, 2000, letter, CP&L stated that a reanalysis of the limiting ECCS evaluation model for BSEP, Unit Nos. 1 and 2, is in progress, and that submission of the results of the reanalysis was expected by October 31, 2000.

CP&L has been notified by Global Nuclear Fuels Corporation that they have revised their estimate of the effect of one of the previously identified errors in the limiting ECCS evaluation model for BSEP, Unit Nos. 1 and 2. As a result, completion of the ECCS evaluation will be delayed. The results of the evaluation model reanalysis will now be submitted by January 31, 2001.

Please refer any questions regarding this submittal to Mr. Leonard R. Beller, Supervisor - Licensing, at (910) 457-2073.

Sincerely,

David C. DiCello  
Manager - Regulatory Affairs  
Brunswick Steam Electric Plant

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WRM/wrm

Enclosure: List of Regulatory Commitments

cc (with enclosure):

U. S. Nuclear Regulatory Commission, Region II  
ATTN: Mr. Luis A. Reyes, Regional Administrator  
Sam Nunn Atlanta Federal Center  
61 Forsyth Street, SW, Suite 23T85  
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  
ATTN: Mr. Donnie J. Ashley (Mail Stop OWFN 8G9)  
11555 Rockville Pike  
Rockville, MD 20852-2738

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

ENCLOSURE

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2  
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List of Regulatory Commitments

The following table identifies those actions committed to by Carolina Power & Light (CP&L) Company in this document. Any other actions discussed in the submittal represent intended or planned actions by CP&L. They are described for the NRC's information and are not regulatory commitments. Please notify the Manager - Regulatory Affairs at the Brunswick Steam Electric Plant of any questions regarding this document or any associated regulatory commitments.

Commitment	Committed date or outage
1. Submit the results of reanalysis of the limiting Emergency Core Cooling System (ECCS) evaluation model for the Brunswick Steam Electric Plant, Unit Nos. 1 and 2.	January 31, 2001