CP&L

Carolina Power & Light Company
PO Box 10429
Southport NC 28461-0429

William R. Campbell
Vice President
Brunswick Nuclear Plant

October 30, 1996

SERIAL: BSEP 96-0379

U. S. Nuclear Regulatory Commission
ATTENTION: Document Control Desk
Washington, DC 20555

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-325 AND 50-324/LICENSE NOS. DPR-71 AND DPR-62
GENERIC LETTER 96-06, "ASSURANCE OF EQUIPMENT OPERABILITY AND CONTAINMENT INTEGRITY DURING DESIGN-BASIS ACCIDENT CONDITIONS"

Gentlemen:

On September 30, 1996, the U.S. Nuclear Regulatory Commission (NRC) issued Generic Letter 96-06, "Assurance of Equipment Operability and Containment Integrity During Design-Basis Accident Conditions." The generic letter requests that licensees determine the following:

(1) If containment air cooler cooling water systems are susceptible to either waterhammer or two-phase flow conditions during postulated accident conditions;

(2) If piping systems that penetrate the containment are susceptible to thermal expansion of fluid so that overpressurization of piping could occur.

In addition to the individual licensee's postulated accident conditions, the NRC recommends that these items be reviewed with respect to the scenarios referenced in the generic letter. If systems are found to be susceptible to the conditions discussed in this generic letter, licensees are expected to assess the operability of affected systems and take corrective action as appropriate in accordance with the requirements stated in 10 CFR Part 50, Appendix B and as required by the plant Technical Specifications.

The generic letter requests two responses, the first within 30 days of the generic letter date and the second within 120 days of the generic letter date. In the 30-day response, addressees are requested to indicate: (1) whether or not the requested actions will be completed, (2) whether or not the requested information will be submitted and (3) whether or not the requested information will be submitted within the requested time period.

In the 120-day response, licensees are requested to submit a written summary report stating actions taken in response to the requested actions noted above, conclusions that were reached relative to susceptibility for waterhammer and two-phase flow in the containment air cooler cooling water system and overpressurization of piping that penetrates containment, the basis for continued operability of affected systems and components as applicable, and corrective actions that were implemented or are planned to be implemented. If systems are found to be susceptible to the conditions that are discussed in this generic letter, licensees are requested to identify the systems affected and describe the specific circumstances involved.

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These responses are to be provided under oath and affirmation in accordance with 10 CFR 50.54(f).

NRC 30-Day Response Request:

Indicate (1) whether or not the requested actions will be completed, (2) whether or not the requested information will be submitted, and (3) whether or not the requested information will be submitted within the requested time period.

CP&L 30-Day Response:

Carolina Power & Light Company will review the Brunswick Steam Electric Plants, Units 1 and 2 and determine whether (1) the containment air cooler cooling water systems are susceptible to either waterhammer or two-phase flow conditions during postulated accident conditions and (2) the piping systems that penetrate the containment are susceptible to thermal expansion of fluid so that overpressurization of piping could occur.

By January 28, 1997, CP&L will submit a written summary report for the Brunswick Plant that describes the actions taken in response to the NRC requested actions noted above, the conclusions that were reached relative to susceptibility for waterhammer and two-phase flow in the containment air cooler cooling water system and overpressurization of piping that penetrates containment, the basis for continued operability of affected systems and components (as applicable), and the corrective actions that were implemented or are planned to be implemented. If systems are found to be susceptible to the conditions that are discussed in the generic letter, CP&L will identify the systems affected and describe the specific circumstances involved.

Please refer any questions regarding this submittal to Mr. Mark A. Turkal at (910) 457-3066.

Sincerely,

William R. Campbell

William R. Campbell

WRM/wrm

Enclosures
1. Regulatory Commitments

William R. Campbell, 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.

Gwendolyn R. Midyette
Notary (Seal)

My commission expires: August 12, 2001

cc: U. S. Nuclear Regulatory Commission
ATTN.: Mr. Stewart D. Ebneter, Regional Administrator
101 Marietta Street, N.W., Suite 2900
Atlanta, GA 30323-0199

Mr. C. A. Patterson
NRC Senior Resident Inspector - Brunswick Units 1 and 2:

U.S. Nuclear Regulatory Commission
ATTN.: Mr. David C. Trimble, Jr. (Mail Stop OWFN 14H22)
11555 Rockville Pike
Rockville, MD 20852-2738

The Honorable H. Wells
Chairman - North Carolina Utilities Commission
P.O. Box 29510
Raleigh, NC 27626-0510

ENCLOSURE 1

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-325 AND 50-324
LICENSE NOS. DPR-71 AND DPR-62
GENERIC LETTER 96-06, "ASSURANCE OF EQUIPMENT OPERABILITY AND CONTAINMENT INTEGRITY DURING DESIGN-BASIS ACCIDENT CONDITIONS"

LIST OF REGULATORY COMMITMENTS

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

	Commitment	Committed date or outage
1.	CP&L will submit a written summary report for the Brunswick Plant that describes the actions taken in response to the NRC requested actions noted above, the conclusions that were reached relative to susceptibility for waterhammer and two-phase flow in the containment air cooler cooling water system and overpressurization of piping that penetrates containment, the basis for continued operability of affected systems and components (as applicable), and the corrective actions that were implemented or are planned to be implemented.	1/28/97