



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

William R. Campbell
Vice President
Brunswick Nuclear Plant

SERIAL: BSEP 96-0157

April 26, 1996

United States Nuclear Regulatory Commission
ATTENTION: Document Control Desk
Washington, DC 20555

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-325 & 50-324/LICENSE NOS. DPR-71 & DPR-62
RESPONSE TO THE NRC GENERIC LETTER 95-07, "PRESSURE LOCKING AND THERMAL
BINDING OF SAFETY-RELATED POWER-OPERATED GATE VALVES"

Gentlemen:

On August 17, 1995, the NRC issued Generic Letter (GL) 95-07, "Pressure Locking and Thermal Binding of Safety-Related Power-Operated Gate Valves." In our December 6, 1995 submittal (Serial: BSEP 95-0619), CP&L agreed to provide within 180 days from the date of the generic letter, a summary of the valves identified as susceptible to pressure locking or thermal binding and a schedule for corrective actions. CP&L's February 13, 1996 letter (Serial: BSEP 96-0051) provided this response, and indicated a follow-up response would be submitted prior to April 26, 1996. CP&L has completed the analysis of the thermal environment on the existing High Pressure Coolant Injection (HPCI) Inboard Suppression Pool Suction Valve (1/2-E41-F042) configuration and determined that these valves are not subject to thermally-induced pressure locking. Accordingly, no modification or further investigation is required.

The remaining corrective actions from CP&L's February 13, 1996 response remain on schedule and are restated in enclosure 1.

Please refer any questions regarding this letter to Mr. George Honma at (910) 457-2741.

Sincerely,


William R. Campbell

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GMT/gmt

Enclosure:

1. List of Regulatory Commitments

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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.

Dean S. Mason

Notary (Seal)

My commission expires:

August 21, 1999

cc: Mr. S. D. Ebnetter, NRC Regional Administrator, Region II
Mr. C. A. Patterson, NRC Senior Resident Inspector - Brunswick Plant
Mr. D. C. Trimble, Jr., NRR Project Manager - Brunswick Plant
The Honorable H. Wells, Chairman - North Carolina Utilities Commission

ENCLOSURE 1

BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2
NRC DOCKET NOS. 50-325 & 50-324
OPERATING LICENSE NOS. DPR-71 & DPR-62

RESPONSE TO THE NRC GENERIC LETTER 95-07, "PRESSURE LOCKING AND THERMAL
BINDING OF SAFETY-RELATED POWER-OPERATED GATE VALVES "

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. Procedural controls are being established for the potential thermal binding of the Residual Heat Removal (RHR) Low Pressure Coolant Injection (LPCI) Injection Valves.	8/15/96
2. Procedural controls are being established for the potential pressure locking of the RHR Suppression Pool Discharge Isolation Valves.	8/15/96