

Mr. John S. Keenan, Vice President  
Carolina Power & Light Company  
Brunswick Steam Electric Plant  
Post Office Box 10429  
Southport, North Carolina 28461

December 3, 1999

**SUBJECT: SAFETY EVALUATION OF RESPONSE TO GENERIC LETTER 95-07, "PRESSURE LOCKING AND THERMAL BINDING OF SAFETY-RELATED POWER-OPERATED GATE VALVES," BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2 (TAC NOS. M93439 AND M93440)**

Dear Mr. Keenan:

On August 17, 1995, the NRC issued Generic Letter (GL) 95-07, "Pressure Locking and Thermal Binding of Safety-Related Power-Operated Gate Valves," to request that licensees take actions to ensure that safety-related power-operated gate valves that are susceptible to pressure locking or thermal binding are capable of performing their safety functions.

In a letter of February 13, 1996, you submitted the 180-day response to GL 95-07 for the Brunswick Steam Electric Plant, Units 1 and 2. In a letter dated April 26, 1996, you supplemented the 180-day response. The NRC staff reviewed your submittals and requested additional information in a letter dated May 16, 1996. In a letter of June 20, 1996, you provided the additional information. On March 31 and November 3, 1999, you responded to a second request for additional information forwarded by the NRC staff on December 21, 1998.

The NRC staff has reviewed your submittals and finds that the actions requested in GL 95-07 have been adequately addressed, as discussed in the enclosed Safety Evaluation. This generic letter is now closed for your facility. If you have any questions regarding this matter, please contact me.

Sincerely,

Original signed by:

Allen G. Hansen, Project Manager, Section 2  
Project Directorate II  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket Nos. 50-325 and 50-324

Enclosure: As stated

cc: See next page

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\* No substantive change to SE

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| OFFICE | PM                 | E | LA                     | E | SC: EMEB | SC                 | C |
| NAME   | AHansen <i>ALD</i> |   | EDunnington <i>ETD</i> |   | DTerao*  | RCorreia <i>RC</i> |   |
| DATE   | 12/2/99            |   | 12/2/99                |   | 11/10/99 | 12/3/99            |   |

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

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Sincerely,

A handwritten signature in black ink, appearing to read "A. G. Hansen".

Allen G. Hansen, Project Manager, Section 2  
Project Directorate II  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

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