

November 14, 1984

Docket Nos. 50-325/324

Mr. E. E. Utley
Executive Vice President
Carolina Power & Light Company
Post Office Box 1551
Raleigh, North Carolina 27602

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Dear Mr. Utley:

SUBJECT: NUREG-0737, ITEM II.K.3.16

Re: Brunswick Steam Electric Plant, Units 1 and 2

As a result of the TMI-2 accident, it was concluded that in a boiling water reactor (BWR), failure of a safety/relief valve (SRV) to close would be the most likely cause of a small-break Loss-of-Coolant Accident (LOCA). At the time, the operating history of SRVs had been poor, resulting in a relatively high failure rate per challenge.

NUREG-0737, Item II.K.3.16 required BWR licensees and BWR operating license applicants to investigate the feasibility of a number of actions and modifications to reduce challenges to SRVs. The objective of the task was to effect sufficient changes so as to substantially reduce challenges to SRVs by an order of magnitude. This evaluation was performed by the BWR Owners Group (BWROG-8134).

By letter dated March 12, 1984, we sent you our generic Safety Evaluation (SE) of the BWR Owners Group study, endorsing three specific modifications along with an effective preventative maintenance program. Our letter requested that you advise us of what actions you have taken or propose to take to reduce challenges and failures of SRVs in your facilities. You responded by letter dated July 17, 1984.

We have reviewed your response and conclude that, in total, the actions you have taken or have committed to take will achieve the objective of NUREG-0737, Item II.K.3.16. Therefore, we consider this task resolved for the Brunswick Steam Electric Plant, Units 1 and 2.

Sincerely,

Original signed by/

Domenic B. Vassallo, Chief
Operating Reactors Branch #2
Division of Licensing

cc: See next page

DL:ORB#2
SNorris:ajs
11/13/84

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MGrotenhuis
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DVassallo
11/14/84

Mr. E. E. Utley
Carolina Power & Light Company
Brunswick Steam Electric Plant, Units 1 and 2

cc:

Richard E. Jones, Esquire
Carolina Power & Light Company
336 Fayetteville Street
Raleigh, North Carolina 27602

George F. Trowbridge, Esquire
Shaw, Pittman, Potts and Trowbridge
1800 M Street, N. W.
Washington, D. C. 20036

Mr. Charles R. Dietz
Plant Manager
Post Office Box 458
Southport, North Carolina 28461

Mr. Franky Thomas, Chairman
Board of Commissioners
Post Office Box 249
Bolivia, North Carolina 28422

Mrs. Chrys Baggett
State Clearinghouse
Budget and Management
116 West Jones Street
Raleigh, North Carolina 27603

U. S. Environmental Protection
Agency
Region IV Office
Regional Radiation Representative
345 Courtland Street, N. W.
Atlanta, Georgia 30308

Resident Inspector
U. S. Nuclear Regulatory Commission
Star Route 1
Post Office Box 208
Southport, North Carolina 28461

James P. O'Reilly
Regional Administrator
Region II Office
U. S. Nuclear Regulatory Commission
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Dayne H. Brown, Chief
Radiation Protection Branch
Division of Facility Services
Department of Human Resources
Post Office Box 12200
Raleigh, North Carolina 27605