

June 14, 1985

Docket Nos. 50-325 and 50-324

DISTRIBUTION

Docket File
NRC PDR
Local PDR
ORB#2 Reading
HThompson
SNorris
ORB#2 Gray File

MGrotenhuis
DVassallo
LHulman
EJordan
GBrimes
JPartlow
ACRS (10)
OEID

Mr. E. E. Utley
Executive Vice President
Carolina Power & Light Company
Post Office Box 1551
Raleigh, North Carolina 27062

Dear Mr. Utley:

SUBJECT: CHLORINE DETECTION SYSTEM

Re: Brunswick Steam Electric Plant Units 1 and 2

By letters dated February 21 and April 15, 1985 you indicated that the chlorine detection system would be modified to assure that the air transport time from the chlorine detector to the isolation damper is greater than the isolation time from detection to isolation as allowed by Regulatory Guide 1.95. You also indicated that the modification would be completed during the current Unit 1 refueling outage. We discussed this issue during a meeting with your staff on May 29, 1985. At the meeting we indicated that this issue was under staff review. Since this meeting we have reviewed your February 21 and April 15, 1985 letters and we find that there is not adequate detailed information to review. You should provide an evaluation of the proposed modification to show that it meets the Standard Review Plan 6.4. That is, you should revise your Control Room Habitability submittal of March 2, 1983 and provide updated information consistent with your proposed modification.

Please provide this information within 45 days of the date of receipt of this letter. The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

Sincerely,

Original signed by/

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

cc: See next page

ORB#2:DL
SNorris:rc
06/11/85

ORB#2:DL *DB*
MGrotenhuis
06/11/85

AEE:BST
LHulman
06/12/85

DB
ORB#2:DL
DVassallo
06/14/85

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

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

J. Nelson Grace
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