

September 5, 1985

Docket Nos. 50-325/324

LICENSEE: Carolina Power & Light Company (CP&L)

FACILITY: Brunswick Steam Electric Plant, Units 1 and 2 (BSEP)

SUBJECT: MEETING AT THE SITE ON AUGUST 27,
1985 REGARDING APPENDIX R

Background:

By letter dated March 8, 1981, as supplemented April 15, June 30, September 3 and October 1, 1982 and May 2, 1983, CP&L requested exemptions of Appendix R to 10 CFR 50. By letter dated July 27, 1983, the NRC summed up the situation by granting some exemptions not related to alternate shutdown capability and denying others. The letter set out the conditions for future actions by CP&L which included an alternate shutdown capability assessment (ASCA) report within 9 months. In addition, monthly meetings were held with the staff to assure that the analysis would be expeditious and according to the staff requirements. By letter dated April 24, 1984 as supplemented December 28, 1984, CP&L submitted the Alternate Shutdown Capability Assessment Report and requested eight exemptions from the technical requirements of Appendix R to 10 CFR 50. Conference calls were held in August 1984 to ascertain certain information needed to complete the staff review of the ASCA Report. A draft Safety Evaluation (SE) and a draft Request for Additional Information (RAI) were provided to CP&L to clarify the staff need for information. During a conference call on August 14, 1985 it was concluded that a meeting would be necessary to properly define the staff need for information and that it should be held at the site. The draft RAI would serve as the agenda (Enclosure 1) and the meeting was to be held on August 27, 1985. Attendees are listed in Enclosures 2 and 3.

Meeting Summary:

The meeting consisted of discussions to clarify the agenda (i.e., draft RAI). The discussion quickly centered on item 1(c), the table showing separation of function. CP&L determined that a strict interpretation of this request would require an excessive amount of work. After some discussion of this point, a tour of the facility was held to observe the areas in question. After the tour, a short discussion was held and the meeting recessed for a caucus.

After the caucus, the working group discussed the question further and then convened for a short summary meeting which included CP&L management.

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The staff position regarding question 1(c) was restated, namely, that, while the addition of the halon system provided added assurance, the lack of knowledge regarding the cable separation distance was making completion of the SE and granting of the related exemption difficult, if not impossible. After discussing the relationship of the Appendix A separation distance, CP&L agreed to review the question as restated,

"1(c) Provide a characterization of the separation of functions in fire area DG-1."

Two additional subjects were briefly discussed, the water curtain question (i.e., RAI item 2) and the status of the Control Room floor under Appendix R which was designated as a 3-hour barrier in the Appendix A review. The CP&L resolution to the water curtain question will be presented in its response to the staff RAI when it is formally submitted. The discussion of the control room floor was tabled until the Appendix R review is completed.

As a result of the meeting, the RAI will be formally issued and CP&L will respond in 45 days.

Original signed by/

Marshall Grotenhuis, Project Manager
Operating Reactors Branch #2
Division of Licensing

Enclosures:
As stated

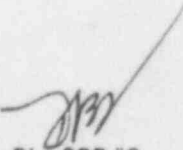
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DVassallo
09/5/85

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

Regional Administrator, Region II
U. S. Nuclear Regulatory Commission
101 Marietta Street, Suite 3100
Atlanta, Georgia 30302

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

REQUEST FOR ADDITIONAL INFORMATION

APPENDIX R

BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2

The areas of concern and the specific information requests for each are as follows:

1. Separation of redundant functions, the sprinkler system, fire barriers and plume impingement shields in fire area DG-1.
 - a) Provide photographs of the area.
 - b) Provide drawings of the sprinkler system showing sprinkler head locations and heat collectors.
 - c) Provide a table showing separation of functions.
 - d) Provide additional information concerning the feasibility study for providing necessary modifications (reference p. 7-14 of the ASCA Report Volume I).
 - e) Provide dimensional sketches showing the location of the plume impingement shield and Kaowool wrap.
 - f) Provide dimensional sketches showing the arrangement of the rotofoam and your evaluation which justifies its use in a fire barrier.
2. Provide a sketch showing the arrangement of the water curtains in the reactor building.

ATTENDANCE LIST - WORKING GROUPAUGUST 27, 1985 SITE MEETING REGARDING APPENDIX R

| <u>Name</u> | <u>Affiliation</u> |
|-------------------|--------------------|
| M. Grotenhuis | NRC |
| R. L. Ferguson | NRC |
| S. West | NRC |
| S. D. Floyd | NELD |
| M. R. Oates | NELD |
| R. E. Porterfield | BSEP |
| K. B. Allison | BESU |
| C. R. Walker | BESU |
| L. B. Rothman | BESU |
| R. Eberly | Terera |
| P. Carrier | NELD |
| R. Fasnacht | BSEP |

ATTENDANCE LIST - SUMMARY MEETING
AUGUST 27, 1985 SITE MEETING REGARDING APPENDIX R

| <u>Name</u> | <u>Affiliation</u> |
|--------------------|--------------------|
| M. Grotenhuis | NRC |
| K. B. Allison | BESU |
| R. E. Porterfield | BSEP |
| L. B. Rothman | BESU |
| C. R. Walker | BESU |
| R. Eberly | Terera |
| S. D. Floyd | CP&L |
| S. West | NRC |
| R. Ferguson | NRC |
| P. W. Howe | CP&L |
| R. Groever | CP&L |
| L. E. Boyer | CP&L |
| H. R. Banks | CP&L |
| H. C. Brinkmann | CP&L |
| A. B. Cutter | CP&L |
| L. V. Wagoner | CP&L |
| C. H. Moseley, Jr. | CP&L |
| L. E. Jones | CP&L |
| T. L. Brown | CP&L |
| S. D. Smith | CP&L |
| R. Fasnacht | CP&L |
| K. E. Snyor | CP&L |
| C. R. Dietz | CP&L |
| S. R. Zimmerman | CP&L |