January 15, 1985

Docket Nos. 50-325 and 50-324

Mr. E. E. Utley Executive Vice President Carolina Power & Light Company Post Office Box 1551 Raleigh, North Carolina 27062 DISTRIBUTION: Docket File NRC PDR L PDR ORB#2 Rdg DEisenhut OELD EJordan WRButler

PMcKee JPartlow ACRS-10 SNorris MGrotenhuis Gray File PSalminen JKrudrick

Dear Mr. Utley:

SUBJECT: RECOMBINER CAPABILITY REQUIREMENTS

Re: Brunswick Steam Electric Plant Units 1 and 2

We have reviewed your letter dated June 8, 1984, as supplemented on June 27, 1984, which was submitted in response to Generic Letter 84-09 dated May 8, 1984, and find we need the additional information described in the enclosure to this letter in order to complete our review. Please provide this information within 45 days of the date 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,

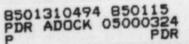
Original signed by/

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

Enclosure: As stated

cc w/enclosure: See next page

ORB#2:DL SNorris 1/ /85 ORB#2:DL/V MGrotenhuis/pn 1//5/85 ORB#2:DL DBVassallo 1/15/85



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 James P. O'Reilly Regional Administrator Region IJ 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

Request for Additional Information

Recombiner Capability Requirements

Brunswick Steam Electric Plant Units 1 and 2

The following information is needed so that we may continue our review of the Brunswick recombiner capability requirements.

- 1. A detailed description of the planned modifications to the instrum air systems. The proposed post-accident switch-over from the norm air supply to an inert gas supply does not appear to meet the inte of the Generic Letter 84-09. Provide further justification of thi design considering the criteria of Generic Letter 84-09. Discuss operating principles of the system (e.g., initiation of switch-ove safety classification and oualification of components. Include consideration of single failure, signal delay, and system response in determining maximum air release.
- Provide a discussion of all potential oxygen/air sources within the containment. Especially address the ADS - MSIV - accumulators and provide justification is a source is found negligible. Also provide values of volume of air/oxygen available, increase of 0, concentration if released to the containment, etc., for all sources.