

DEC 23 1982

Docket Nos. 50-325/
324

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

Dear Mr. Utley:

SUBJECT: SAFETY EVALUATION FOR ENVIRONMENTAL QUALIFICATION OF
SAFETY-RELATED ELECTRICAL EQUIPMENT

Re: Brunswick Steam Electric Plant, Units 1 and 2

This letter transmits two reports on the investigation of Raychem cable installed at your Brunswick Plant Units 1 and 2. These reports were prepared by the Franklin Research Center (FRC) and supplement the August 8, 1982 FRC report on the environmental qualification of safety-related electrical equipment that was forwarded to you on December 20, 1982, together with our Safety Evaluation.

We have reviewed the enclosed reports and we have no information at this time that indicates that the "space charges phenomenon" is not a valid concern. Therefore, the status of the qualification of Raychem cables at the Brunswick Plant remains as stated in the August 8, 1982 FRC Report, that is, that the qualification of this cable has not been established.

Consideration of the enclosed reports should be included in your reaffirmation of justification for continued operation that you will submit in response to our December 20, 1982 letter transmitting the Safety Evaluation for environmental qualification of safety-related electrical equipment. In response to our request, made in a telephone discussion with members of your staff on December 17, 1982, it was indicated that a response reaffirming justification for continued operation with respect to the environmental qualification of Raychem cable, would be submitted by January 4, 1983.

8212300145 821223
PDR ADOCK 05000324
P PDR

OFFICE ▶	.....	.....	.....	.....	.....	.....	.....
SURNAME ▶	.....	.....	.....	.....	.....	.....	.....
DATE ▶	.....	.....	.....	.....	.....	.....	.....

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
D. B. Vassallo

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

Enclosures:

- 1. Investigation of Raychem Cable
Installed in the Brunswick Plant
Phase 1 - Preliminary Evaluation
and Test Plan
October 23, 1981
- 2. Investigation of Raychem Cable
Installed in the Brunswick Plant
Phase 2 - Evaluation and Test
Recommendation
June 30, 1982

cc w/o Enclosures
See next page

Dist: without enclosures - Enclosures are already in docket files.

DISTRIBUTION:	Docket File	LPDR	ORB#2 Reading	DEisenhut	SNorris
	SMacKay	OELD	Gray	BSiegel	NRC PDR
	NSIC	JMTaylor	ACRS-10	JHeltemes, AEOD	WJohnston
					VNoonan

OFFICE	DL:ORB#2 SNorris	DL:ORB#2 SMacKay:pob:MC	DL:ORB#2 BSiegel	DL:ORB#2 DVassallo		
SURNAME	12/23/82	12/23/82	12/23/82	12/23/82		
DATE						

Mr. E. E. Utley
Carolina Power & Light Company

cc:

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

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

Mr. Charles R. Dietz
Plant Manager
P. O. Box 458
Southport, North Carolina 28461

Mr. Franky Thomas, Chairman
Board of Commissioners
P. O. Box 249
Bolivia, North Carolina 28422

Mrs. Chrys Baggett
State Clearinghouse
Budget & 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
P. O. Box 1057
Southport, North Carolina 28461

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