



Carolina Power & Light Company

December 7, 1977

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50-261

FILE: NG-3513 (R)

SERIAL: NG-77-1377

Mr. James P. O'Reilly, Director
U. S. Nuclear Regulatory Commission
Region II, Suite 1217
230 Peachtree Street, N.W.
Atlanta, GA 30303

H. B. ROBINSON STEAM ELECTRIC PLANT UNIT NO. 2
DOCKET NO. 50-261
LICENSE NO. DPR-23
RESPONSE TO IE BULLETINS 77-05 AND 05A

Dear Mr. O'Reilly:

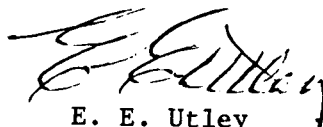
Carolina Power & Light Company has reviewed the use of electrical connectors in the engineered safeguard system as required by your letter of November 15, 1977, and has the following response to your concerns:

The H. B. Robinson Plant does not use connectors in the containment electrical penetrations associated with safeguard equipment. These penetration cables were made up solid during construction and a visual inspection was made which did not find any problems with these splices either inside or outside containment. Electrical connectors are used where the control cables connect to the control modules in the Control Room, but no problems have occurred with the connectors in this area. Also these connectors will only experience the same environment to which the Control Operators are exposed. In an

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event which required Control Room evacuation, local control switches are available for the operation of safeguard equipment and the electrical connectors in the Control Room would not be required for equipment operation. All other electrical connections are lugs on terminal blocks which are the most trouble-free termination type available. Therefore, no further action is planned by Carolina Power & Light Company concerning your letter.

Yours very truly,



E. E. Utley
Senior Vice President
Power Supply

CSB:pn

cc: Mr. E. Volgenau