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 FACIL: 50-261 H. B. Robinson Plant, Unit 2, Carolina Power and Light 05000261
 AUTH. NAME: AUTHOR AFFILIATION
 ZIMMERMAN, S. R. Carolina Power & Light Co.
 RECIP. NAME: RECIPIENT AFFILIATION
 VARGA, S. A. Operating Reactors Branch 1

SUBJECT: Discusses environ qualification of electrical equipment. No replacement equipment or addl justifications for continued operation required. Issue considered closed.

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 TITLE: OR/Licensing Submittal: Equipment Qualification

NOTES:

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Carolina Power & Light Company

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OCT 12 1984

Director of Nuclear Reactor Regulation
Attention: Mr. Steven A. Varga, Chief
Operating Reactors Branch No. 1
Division of Licensing
United States Nuclear Regulatory Commission
Washington, DC 20555

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261/LICENSE NO. DPR-23
ENVIRONMENTAL QUALIFICATION OF ELECTRICAL EQUIPMENT (EQ)

Dear Mr. Varga:

As discussed in our letter dated May 31, 1984, Carolina Power & Light Company has identified a harsh environment outside containment at H. B. Robinson Steam Electric Plant Unit No. 2 (HBR2) due to a postulated high energy line break (HELB) outside containment. As a result, three areas at HBR2 were evaluated to determine potential HELB effects: the pipe alley, the auxiliary feedwater pump room, and the charging pump room. It was determined that the charging pump room would not be affected because the worst case postulated HELB would not create a harsh environment. A detailed review of the remaining two locations which may be affected by HELBs indicates that in those locations, the electrical equipment required for safe shutdown during an HELB was designed to meet more stringent conditions than posed by a potential HELB. Therefore, no replacement equipment or additional justifications for continued operation are required.

Carolina Power & Light Company believes this closes the HELB issue as it relates to EQ for HBR2. If you have any questions on this subject, please contact Mr. Stephen D. Floyd at (919) 836-6901.

Yours very truly,


S. R. Zimmerman
Manager

Nuclear Licensing Section

ONH/ccc (5530NH)

cc: Mr. J. P. O'Reilly (NRC-RII)
Mr. G. Requa (NRC)
NRC Resident Inspector (RNP)

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