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

SUBJECT: Application for amend to License DPR-23, revising Tech Specs re station batteries to require performance of equalizing charge annually rather than monthly.

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Carolina Power & Light Company

SEP 19 1984

SERIAL: NLS-84-357

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
REQUEST FOR LICENSE AMENDMENT
STATION BATTERIES

Dear Mr. Varga:

SUMMARY

In accordance with the Code of Federal Regulations, Title 10, Parts 50.90 and 2.101, Carolina Power & Light Company (CP&L) hereby requests a revision to the Technical Specifications (TS) for the H. B. Robinson Steam Electric Plant Unit No. 2 (HBR2) concerning station batteries.

DETAILS

In order to resolve the inconsistency between the TS and the battery manufacturer's recommendations, the attached change is being requested to require the equalizing charge to be performed annually rather than monthly. Changing the battery charging requirements to be consistent with the manufacturer's recommended interval reduces unnecessary overcharging of cells and does not degrade the overall operation of the batteries. The decreased frequency for charging of the batteries improves the reliability of voltage sensitive equipment on the same bus in that this equipment (NBFD relays in reactor protection system) will be subjected to the voltage changes seen during charging less often.

The battery parameters will continue to be measured on a monthly basis. This provides adequate indication of battery status and the ability to identify any deterioration long before failure, as discussed in the current basis.

SIGNIFICANT HAZARDS DETERMINATION

Carolina Power & Light Company has reviewed this request and has determined that the proposed TS revision involves no significant hazards considerations because the proposed change ensures consistency with the manufacturer's recommendations. The Commission has provided guidance concerning the application of its standards set forth in 10 CFR 50.92 for no significant hazards considerations by providing certain examples published in the Federal

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Steven A. Varga

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Register on April 6, 1983 (48 FR 14864). One of the examples of an amendment which will likely be found to not involve significant hazards considerations is a change which may reduce in some way a safety margin, but where the results of the change are clearly within all acceptable criteria. The attached proposed change falls within the Commission's example (vi) of a change not likely to involve a significant hazards consideration.

ADMINISTRATIVE

In accordance with 10 CFR 170.12, a check in the amount of one hundred and fifty dollars (\$150) in payment of a license amendment application fee is attached.

The affected pages are attached for your use. The changes are denoted by vertical bars in the right margin.

If you have any questions concerning this request, please contact Mr. Sherwood R. Zimmerman at (919) 836-6242.

Yours very truly,



A. B. Cutter - Vice President
Nuclear Engineering & Licensing

ONH/pgp (439ONH)
Attachments

cc: Mr. J. P. O'Reilly (NRC-RII)
Mr. G. Requa (NRC)
NRC Resident Inspector (RNP)
Attorney General (SC)
Mr. Heyward G. Shealy (SC)

A. B. Cutter, having been first duly sworn, did depose and say that the information contained herein is true and correct to the best of his information, knowledge and belief; and the sources of his information are officers, employees, contractors, and agents of Carolina Power & Light Company.


Notary (Seal)

My commission expires: 5/18/88

