

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8405100018 DOC.DATE: 84/05/07 NOTARIZED: YES DOCKET #
 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
 VARGG,S.A. Operating Reactors Branch 1

SUBJECT: Application for amend to License DPR-23, revising Tech Specs
 re use of backfeeding safety-related busses through main &
 unit auxiliary transformers.

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Carolina Power & Light Company

SERIAL: NLS-84-148

MAY 7 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
REQUEST FOR LICENSE AMENDMENT
BACKFEEDING TECHNICAL SPECIFICATIONS

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 revisions to the Technical Specifications (TS) for the H. B. Robinson Steam Electric Plant Unit No. 2 (HBR2). These revisions are in response to NRC's request for TS changes related to the use of backfeeding safety related busses through the main and unit auxiliary transformer.

DETAILS

By letter dated January 19, 1984, NRC requested that CP&L incorporate limiting conditions for operation and administrative controls on the use of backfeeding through the main and unit auxiliary transformers into its HBR2 TS. NRC indicated that this revision was necessary in order to complete its evaluation of HBR2's station electrical distribution voltage system. Carolina Power & Light Company committed to submitting this TS revision in its March 9, 1984 letter to NRC.

The proposed TS changes (attached) indicate that backfeeding the E1 and E2 safety related busses through the main and auxiliary transformer will only occur when the station start-up transformer is out of service and the unit is in cold shutdown, unless nuclear safety considerations require it to be done with the unit in hot shutdown. This backfeeding method will be able to provide power when the diesel generators are out of service or not required for operation.

SIGNIFICANT HAZARDS DETERMINATION

Carolina Power & Light Company has reviewed this request and has determined that the proposed TS revisions involve no significant hazards considerations because the proposed changes add requirements not currently included in TS. The Commission has provided guidance concerning the application of its

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standards set forth in 10 CFR 50.92 for no significant hazards considerations by providing certain examples published in the Federal Register on April 6, 1983 (48 FR 14864). One of the examples of an amendment which will likely be found to involve no significant hazards considerations is a change that constitutes an additional limitation, restriction, or control not presently included in the TS.

The attached proposed changes fall within the Commission's example (ii) of a change not likely to involve a significant hazards consideration.

ADMINISTRATIVE

Since these revisions were requested by NRC staff, CP&L has determined that no license amendment fee is required.

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

If you have any questions concerning this request, please contact a member of our Nuclear Licensing Staff.

Yours very truly,



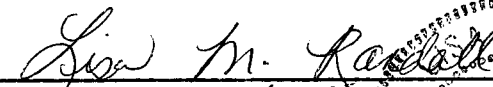
A. B. Cutter - Vice President
Nuclear Engineering & Licensing

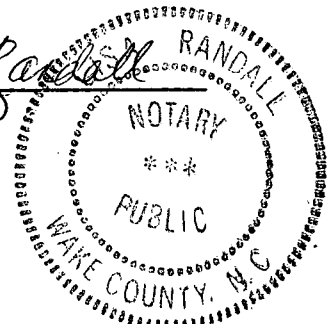
CGL/ccc (9796CGL)
Attachments

cc: Mr. J. P. O'Reilly (NRC-RII)
Mr. G. Requa (NRC)
Mr. Steve Weise (NRC-HBR)
Mr. Heyward G. Shealy (SC)
Attorney General (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.

My commission expires: 5/18/88


Notary (Seal)



RANDALL
NOTARY

PUBLIC
WAKE COUNTY, N.C.