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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: Forwards final response to NRC questions re XN-NF-84-74,
 "Plant Transient Analyses for HB Robinson Unit 2 at 2,300
 MWt W/Increased FN(Delta H)." Encl withheld
 (ref 10CFR2.790).

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Carolina Power & Light Company

SERIAL: NLS-84-439

OCT 22 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 ADDITIONAL INFORMATION
CYCLE 10 PLANT TRANSIENT ANALYSIS

Dear Mr. Varga:

During recent conversations with members of the NRC Staff concerning the H. B. Robinson Steam Electric Plant Unit No. 2 (HBR2) Cycle 10 reload, several questions were raised which required documented responses. The questions were regarding the Exxon document XN-NF-84-74, "Plant Transient Analyses for H. B. Robinson Unit 2 at 2300 MWt With Increased $F_{\Delta H}^N$," which was submitted to you in Carolina Power & Light Company's (CP&L) letter dated August 20, 1984. Most of the responses were submitted by CP&L letter dated October 4, 1984. A draft copy of CP&L's two remaining responses were provided to the reviewer. The final of the two remaining responses are enclosed in this letter.

Exxon Nuclear Company considers the information in the enclosed responses to be proprietary. In accordance with the Commission's regulation 10CFR2.790(b), the affidavit enclosed in CP&L's letter dated October 4, 1984, Serial No. NLS-84-428, provides the necessary information to support the withholding of these responses from public disclosure.

If you have any questions concerning this information, please contact Mr. S. D. Floyd at (919) 836-6901.

Yours very truly,

S. R. Zimmerman
Manager

Nuclear Licensing Section

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Enclosure

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

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