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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: Advises that costs & feasibilities re probabilistic  
 reanalysis of auxiliary feedwater sys & tornado missile  
 protection of svc water sys under evaluation. Commitment to  
 one option will be decided by 850614.

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## NOTES:

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Carolina Power & Light Company

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MAY 13 1985

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  
AUXILIARY FEEDWATER SYSTEM TORNADO MISSILE PROTECTION  
(TAC NO. 49223)

Dear Mr. Varga:

Your letter dated March 14, 1985 concluded that the probability of failure of the Auxiliary Feedwater (AFW) System at the H. B. Robinson Steam Electric Plant Unit No. 2 (HBR2) due to tornado generated missiles exceeds current NRC guidelines. You further advised that Carolina Power & Light Company (CP&L) must provide either a probabilistic reanalysis of the AFW system or commit to provide positive tornado missile protection of the Service Water System (SWS).

The Company is in the process of evaluating the costs and feasibilities associated with both options and will advise you of our decision by June 14, 1985.

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

Yours very truly,

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

ABC/SDF/mf (1458SDF)

cc: Dr. J. Nelson Grace (NRC-RII)  
Mr. G. Requa (NRC)  
Mr. H. Krug (NRC Resident Inspector - RNP)

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