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DIETZ, C.R. Carolina Power & Light Co.  
RECIP. NAME RECIPIENT AFFILIATION  
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SUBJECT: Provides addl info re 930303 LAR, requesting addition of NRC-approved methodology contained in "Qualification of Advanced Nuclear Fuels PWR Design Methodology for Rod Burnups of 62 Gwd/MTU," ANF-88-133(P)(A) to TS Section 6.9.3.3.b.

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Carolina Power & Light Company  
Robinson Nuclear Plant  
PO Box 790  
Hartsville SC 29550

October 22, 1993

Robinson File No.: 13510HA

Serial: RNP/93-2616

United States Nuclear Regulatory Commission  
ATTENTION: Document Control Desk  
Washington, DC 20555

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT 2  
DOCKET NO. 50-261/LICENSE NO. DPR-23  
ADDITIONAL INFORMATION CONCERNING LICENSE AMENDMENT REQUEST

Gentlemen:

The purpose of this letter is to provide additional information concerning a license amendment request which was submitted by Carolina Power & Light Company on March 3, 1993. The request proposed the addition of the NRC-approved methodology contained in "Qualification of Advanced Nuclear Fuels' PWR Design Methodology for Rod Burnups of 62 Gwd/MTU" (ANF-88-133(P)(A)) to the approved methodologies list of Technical Specification Section 6.9.3.3.b.

Carolina Power & Light Company understands that an Environmental Assessment has not been performed for peak fuel rod average burnups beyond sixty (60) Gwd/MTU. We also confirm that our current fuel design has a mechanical design peak bundle burnup of 52.5 Gwd/MTU (licensing supported by application of ANF-88-133 (P) methods) which corresponds to a peak rod average burnup of 57.5 Gwd/MTU (ANF-91-149 (P), "HB Robinson High Burnup Mechanical Licensing Report for Reload ANF-12 and Beyond"). These existing licensing basis limits, therefore, already preclude us from approaching or exceeding the 60 Gwd/MTU limit. We further understand that if future fuel designs are developed which have the mechanical capability to exceed 60 Gwd/MTU peak rod average burnup, extension of the Environmental Assessment will be required as part of the licensing process.

Please refer any questions regarding this submittal to Mr. Jan S. Kozyra at (803) 383-1872.

Very truly yours,

Charles R. Dietz  
Vice President

JSK:lst

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PDR ADOCK 05000261  
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Highway 151 and SC 23 Hartsville SC

AD001 1/0

October 22, 1993

C. R. Dietz, 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.

Deborah W. Martin  
Notary (Seal)

My commission expires: 6/23/98

c: Mr. S. D. Ebnetter  
Ms. B. L. Mozafari  
Mr. W. T. Orders  
Mr. Heyward G. Shealy (SC)  
Attorney General (SC)

October 22, 1993

bcc: T. A. Baxter, Esq.  
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