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AUTH.NAME AUTHOR AFFILIATION
UTLEY,E.E. Carolina Power & Light Co.
RECIP.NAME RECIPIENT AFFILIATION
EISENHUT,D.G. Division of Operating Reactors

SUBJECT: Responds to NRC 791109 ltr requesting confirmation on data re ECCS evaluation models used to analyze fuel cladding swelling & rupture. Agrees w/Exxon Nuclear Corp that model is more conservative than NRC data re rupture strain.

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CP&L
Carolina Power & Light Company

December 27, 1979

FILE: NG-3514(R) SERIAL NO.: GD-79-3268

Mr. Darrell G. Eisenhut, Acting Director
Division of Operating Reactors
Unites States Nuclear Regulatory Commisssion
Washington, D.C. 20555

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261
LICENSE NO. DPR-23
CLADDING SWELLING AND RUPTURE MODELS FOR LOCA ANALYSIS

Dear Mr. Eisenhut:

As requested in your letter of November 9, 1979, this letter is to confirm that Carolina Power & Light Company (CP&L) is in agreement with the information provided by Exxon Nuclear Corporation (ENC) with respect to the H. B. Robinson plant concerning the ECCS Evaluation models used to analyze fuel cladding swelling and rupture. This applies to the information supplied to you by ENC in your meeting of November 1, 1979 and to the November 16, 1979 letter to you from Mr. G. F. Owsley of ENC concerning this subject. As stated in ENC's November 16, 1979 letter to you, the model used to evaluate H. B. Robinson is more conservative than the NRC data with respect to rupture strain and the resulting Peak Central Temperature. Therefore, no further action is required.

If you have any additional questions on this subject, please contact our staff.

Yours very truly,

E. E. Utley
Executive Vice President
Power Supply & Customer Services

JJS/jcb

Sworn to and subscribed before me this 27th day of December, 1979

A039
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1/0

Franklin Murray
Notary Public

My Commission expires October 4, 1981.

cc: Mr. J. D. Neighbors (NRC)

FRANKLIN MURRAY NOTARY PUBLIC WAKE COUNTY, N. C.

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