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TO: Mr. R. Reid

FROM: CP & L
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DESCRIPTION

Re out 9-14-77 HR
Ltr advising that info on fracture toughness of the steam generator & reactor coolant pump support materials will be submitted by Jan. 30, 1978.....1P

ENCLOSURE

PLANT NAME: H.B. Robinson Unit 2

DHL 10-28-77

SAFETY

FOR ACTION/INFORMATION

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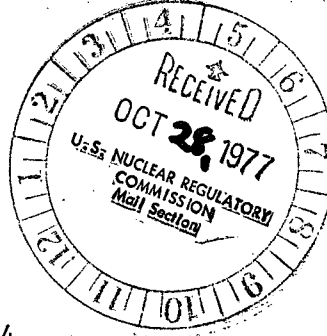
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REGULATORY DOCKET FILE COPY

Carolina Power & Light Company

October 25, 1977



FILE: NG-3514 (R)

SERIAL: NG 77-1220

Office of Nuclear Reactor Regulation
ATTN: Mr. Robert W. Reid, Chief
Operating Reactors Branch No. 4
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

RE: H. B. ROBINSON STEAM ELECTRIC PLANT UNIT NO. 2
DOCKET NO. 50-261

OPERATING LICENSE NO. DPR-23

FRACTURE TOUGHNESS AND POTENTIAL FOR LAMELLAR TEARING OF
STEAM GENERATOR AND REACTOR COOLANT PUMP SUPPORT MATERIALS

Dear Mr. Reid:

In your letter of September 14, 1977, on the above subject, you requested that we provide an evaluation of the fracture toughness of the steam generator and reactor coolant pump support materials for the H. B. Robinson Unit No. 2 plant. We have reviewed your request and believe that we can submit the required evaluation by January 30, 1978. We trust this information is suitable for your use.

Yours very truly,

B. J. Furr - Manager
Generation

DBW/gsm

773000284

October 20, 1977

Docket No.: 50-261

Carolina Power & Light Company
ATTN: Mr. J. A. Jones
Senior Vice President
336 Fayetteville Street
Raleigh, North Carolina 27602

Gentlemen:

RE: H. B. ROBINSON UNIT NO. 2

It has come to our attention that licensees with Westinghouse designed reactors have been advised by Westinghouse that the pressurizer limiting heatup rate of 200°F/hour presently stated in facility Technical Specifications is in error and should be changed to 100°F/hour. Discussions with Westinghouse indicate that this corrected limit applies only to the heatup rate and that the present limit on cooldown rate of 200°F/hour is acceptable. In this regard, receipt of your letter of September 9, 1977, requesting that the limit on the pressurizer heatup rate be changed to 100°F/hour is acknowledged.

Discussions with Westinghouse indicate that it is highly unlikely that the heatup rate of 100°F/hour has been exceeded in the past. This is because system capabilities and Technical Specification limits on the rate of reactor coolant system heatup and pressurization effectively preclude pressurizer heatup rates in excess of 50 to 75°F/hour. Nevertheless, you should examine your operating records and advise us of any instances where the pressurizer heatup rate exceeded 100°F/hour. Provide the pertinent data for each such occurrence including the maximum rate, and the time interval during which the rate exceeded 100°F/hour. The results of this survey, whether positive or negative, should be submitted to us within 60 days of receipt of this letter.

This generic request was approved by GAO, B-180225 (R0072), clearance expires July 31, 1980. Approval was given under a blanket clearance specifically for identified generic problems.

Sincerely,

Robert W. Reid, Chief
Operating Reactors Branch #4
Division of Operating Reactors

cc: See *ORB#4* page *206*

OFFICE	ORB#4:DOR	C-ORB#4:DOR				
SURNAME	GZwetzig:dn	RWReid				
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Carolina Power Light Company

cc: G. F. Trowbridge, Esquire
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