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DESCRIPTION Ltr. Notorized 09/09/77...Trans The  
Following:ENCLOSURE License No, DPR-23 Appl for Amend:  
tech specs proposed change concerning revision  
to the heatup and cooldown rates for the pressuri-  
zer in Unit 2 to a maximum heatup rate of 100° F/hr  
and a cooldown rate of 200° F/hr...

1p

1p

PLANT NAME: H. B. ROBINSON UNIT # 2  
jcm 09/14/77

40 ENCL\*

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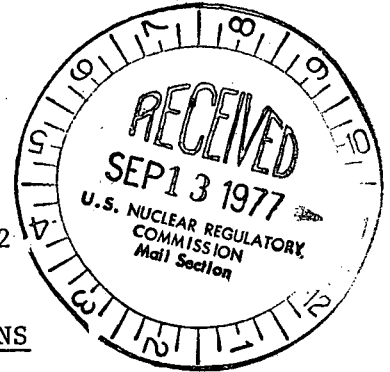
Carolina Power & Light Company

September 9, 1977

File: NG-3514 (R)

Serial: NG-77-933

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



H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2  
DOCKET NO. 50-261  
LICENSE NO. DPR-23  
REQUEST FOR REVISION OF TECHNICAL SPECIFICATIONS

Dear Mr. Reid:

In accordance with the Code of Federal Regulations, Title 10, Part 50.90 and Part 2.101, Carolina Power & Light Company (CP&L) hereby requests a revision to the Technical Specifications for its H. B. Robinson Steam Electric Plant, Unit No. 2.

CP&L has recently been notified by Westinghouse Electric Company that incorrect heatup and cooldown rates for the pressurizer have been included in the unit Technical Specifications. The correct values are a maximum heatup rate of 100°F/hr and a cooldown rate of 200°F/hr.

A revised page to implement the change is attached with the revision indicated by a vertical bar in the right margin.

Yours very truly,

E. E. Utley  
Senior Vice President  
Power Supply

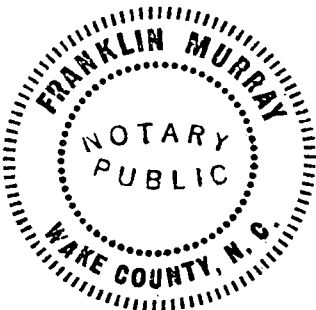
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Attachment

Sworn to and subscribed before me this 9th day of September, 1977.

Notary Public

My commission expires: October 4, 1981



### 3.1.2 HEATUP AND COOLDOWN

3.1.2.1 The reactor coolant pressure and the system heatup and cooldown rates (with the exception of the pressurizer) shall be limited in accordance with Figure 3.1-1 and Figure 3.1-2, and are as follows:

- a. Over the temperature range from cold shutdown to hot operating conditions, the heatup rate shall not exceed  $60^{\circ}\text{F/hr}$  in any one hour.
- b. Allowable combinations of pressure and temperature for a specific cooldown rate are below and to the right of the limit lines for that rate as shown on Figure 3.1-2. This rate shall not exceed  $100^{\circ}\text{F/hr}$  in any one hour. The limit lines for cooling rates between those shown in Figure 3.1-2 may be obtained by interpolation.
- c. Primary System Hydrostatic leak tests may be performed as necessary, provided the temperature limitation as noted on Figure 3.1-1 is not violated. Maximum hydrostatic test pressure should remain below 2350 psia.

3.1.2.2 The secondary side of the steam generator must not be pressurized above 200 psig if the temperature of the vessel is below  $70^{\circ}\text{F}$ .

3.1.2.3 The pressurizer should not exceed a maximum heatup rate of  $100^{\circ}\text{F/hr}$  and a cooldown rate of  $200^{\circ}\text{F/hr}$ . The spray shall not be used if the temperature difference between the pressurizer and the spray fluid is greater than  $320^{\circ}\text{F}$ .

3.1.2.4 Figures 3.1-1 and 3.1-2 shall be updated periodically in accordance with the following criteria and procedures before the calculated exposure of the vessel exceeds the exposure for which the figures apply.