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 FACIL: 50-261 H. B. Robinson Plant, Unit 2, Carolina Power and Light      05000261  
 AUTH. NAME:      AUTHOR AFFILIATION:  
 ZIMMERMAN, S. R.      Carolina Power & Light Co.  
 RECIP. NAME:      RECIPIENT AFFILIATION:  
 VARGA, S. A.      Operating Reactors Branch 1

SUBJECT: Forwards revised Table 2, Page 2 of 4, Specific Relief  
 Request 2 of 840113 revised "Inservice Insp & Test Program  
 for Pumps & Valves." Relief request revised to delete ref  
 to pump bearing temp measurement.

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Carolina Power & Light Company

MAY 01 1985

SERIAL: NLS-85-138

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  
IN-SERVICE INSPECTION AND TEST PROGRAM FOR PUMPS AND VALVES

Dear Mr. Varga:

Carolina Power & Light Company submitted the revised In-Service Inspection and Test Program for Pumps and Valves for the H. B. Robinson Steam Electric Plant, Unit No. 2 by letter dated January 13, 1984. The purpose of this letter is to transmit a revision to our previous submittal.

Table 2, page 2 of 4, specific relief request 2, should be revised as shown in the attachment. Deletion of the pump bearing temperature measurement has not yet been incorporated into the latest addenda of Section XI of the ASME Boiler and Pressure Vessel Code. Therefore, the relief request should be revised to delete that reference.

Please replace the page from our January 13, 1984 letter with that attached. If you have any questions on this subject, contact Mr. S. D. Floyd at (919) 836-6901.

Yours very truly,

S. R. Zimmerman  
Manager

Nuclear Licensing Section

ONH/ccc (1401ONH)

Attachment

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

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PDR ADOCK 05000261  
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TABLE 2

H. B. ROBINSON, UNIT 2  
SPECIFIC REQUESTS FOR RELIEF

2. Specific Relief Request:

Measuring pump bearing temperature annually.

Applicable To:

All pumps.

Basis for Relief Request:

The referenced Edition of the Code requires bearing temperature to be recorded annually. It has been demonstrated by experience that bearing temperature rise occurs only minutes prior to bearing failure. Therefore, the detection of possible bearing failure by a yearly temperature measurement is extremely unlikely. It requires at least an hour of pump operation to achieve stable bearing temperatures. The small probability of detection of bearing failure by temperature measurement does not justify the additional pump operating time required to obtain the measurements.

Alternate Testing:

None.

3. Specific Relief Request:

A. Flow Rate Measurements as required by IWP-3000.

B. Differential Pressure Measurements as required by IWP-3000.

Applicable To:

Service water pumps.

Basis for Relief Request:

The service water pumps are used for removing heat from certain secondary system components during normal operation. Since heat load varies and inlet temperatures vary, automatic