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 FACIL:50-261 H. B. Robinson Plant, Unit 2, Carolina Power and Ligh 05000261  
 AUTH.NAME AUTHOR AFFILIATION  
 UTLEY,E.E. Carolina Power & Light Co.  
 RECIP.NAME RECIPIENT AFFILIATION  
 SCHWENCER,A. Operating Reactors Branch 1

SUBJECT: Forwards summary of util 790627 presentation re  
 investigation of feedwater line cracks & corrective actions.

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Carolina Power & Light Company

July 10, 1979

NG-3514(R)

SERIAL NO: GD-79-1748

Office of Nuclear Reactor Regulation  
Attention: Mr. Albert Schwencer, Chief  
Operating Reactor Branch No. 1  
United States Nuclear Regulatory Commission  
Washington, D.C. 20555

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2  
DOCKET NO. 50-261  
LICENSE NO. DPR-23  
INVESTIGATION OF FEEDWATER LINE CRACKS

Dear Mr. Schwencer:

On June 27, 1979, Carolina Power & Light Company met with the Nuclear Regulatory Commission staff in Bethesda, Maryland. At the meeting Carolina Power & Light Company made an oral presentation on the investigation and corrective action taken following the discovery of cracks in the feedwater lines at H. B. Robinson Unit 2. This letter and the accompanying report summarizes that presentation and confirms Carolina Power & Light Company's commitments to follow-up actions discussed in that meeting.

As requested by the NRC staff, the welding procedure for the P1 to P3 weld (nozzel to reducer) minimizes the time delay between the preheat and post weld heat treatment. A radiographic inspection of the root pass, to be used for information purposes only, will be attempted at the preheat temperature. If it becomes necessary to cool down the weld joint to perform this inspection, the joint will be cooled only as much as is necessary to perform the inspection, then immediately returned to the preheat temperature. Post weld heat treatment will follow as quickly as possible after the completion of the weld.

Upon completion of the post weld heat treatment a final radiographic inspection will be performed. In addition, an ultrasonic inspection of the area will be performed. This latter inspection will be used as a base line for the reinspection of these joints as required by the inservice inspection program.

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Acc'd  
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Mr. Albert Schwencer

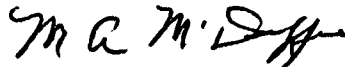
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Contained within the attached report is a description of the instrumentation test program CP&L is instituting to monitor the feedwater lines. CP&L will make available any significant interim results obtained from the program to the NRC and our final finding.

If you have any questions on this subject, do not hesitate to call upon my staff.

Yours very truly,

A handwritten signature in dark ink, appearing to read "E. E. Utley", written in a cursive style.

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

EEU/jcb