

# REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

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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: Advises that reexamination of eddy current testing tapes for steam generator insp revealed no new missed pluggable indications. Two steam generator tubes plugged.

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Carolina Power & Light Company

SERIAL: LAP-83-420

September 12, 1983

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  
STEAM GENERATOR INSPECTION

Dear Mr. Varga:

On September 5, 1983, Carolina Power & Light Company (CP&L) shutdown H. B. Robinson Unit No. 2 (HBR2) due to a .32 gallon per minute (gpm) primary to secondary leak in Steam Generator "A." Upon inspection of Steam Generator "A" (SG A), CP&L determined that two steam generator tubes were leaking. The two tubes in question were Row 14 Column 19 (hot leg) and Row 28 Column 57 (cold leg).

On September 10, 1983, a conference call was conducted between CP&L and you and your staff. During that phone call CP&L provided the following information:

1. Upon reinspection of Eddy Current Testing (ECT) tapes from the May, 1983 Steam Generator inspection, it was determined that both tubes exhibited near through-wall indications and should have been plugged in May. It was also noted that the May 1983 inspection inspected 100 percent of the tubes in all three Steam Generators.
2. No new indications were found in the tubes in question using ECT and the previous indications showed very little change when examined on September 9, 1983.
3. ECT inspections of tubes adjacent to the leaking tubes indicated that no mechanical phenomena were occurring.

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Based on this information, CP&L concluded that the tubes should have been plugged in May, 1983, that the indications proceeded to through-wall as would be predicted by CP&L's previous calculations, and that these two tubes fit the models and calculations in CP&L's safety analysis submitted following the May inspection.

Following discussions of the above information, CP&L and your staff agreed to the following course of action:

1. The two tubes would be plugged.
2. CP&L would re-examine 10 percent of the ECT tapes from the May, 1983 inspection to determine if any other pluggable indications were missed.
3. If any additional missed pluggable indications were discovered, an additional 10 percent of the ECT tapes would be re-examined and the tubes with the pluggable indications would be plugged.
4. Assuming no new missed pluggable indications were discovered, SG A would be closed out following plugging of the two tubes and HBR2 would be returned to power.

On September 11, 1983 the re-examination of the additional tapes was completed and no new missed pluggable indications were discovered. Additionally, the two tubes in question were plugged and SG A closed out. Carolina Power & Light Company expects to return HBR2 to power operation on approximately September 16, 1983.

We trust this letter meets your needs. If you have any additional questions, please contact our staff.

Yours very truly,



S. R. Zimmerman  
Manager - Licensing

JJS/kjr (7861JJS)

cc: Mr. J. P. O'Reilly (NRC-RII)  
Mr. G. Requa (NRC)  
Mr. Steve Weise (NRC-HBR)