



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
101 MARIETTA ST., N.W., SUITE 3100  
ATLANTA, GEORGIA 30303

NOV - 6 1979

Report No. 50-261/79-23

Licensee: Carolina Power and Light Company  
411 Fayetteville Street  
Raleigh, North Carolina 27602

Facility Name: H. B. Robinson

Docket No. 50-261

License No. DPR-23

Inspection at H. B. Robinson site near Hartsville, South Carolina

Inspector:

*J. J. Blake*  
J. J. Blake

*11/5/79*  
Date Signed

Approved by:

*A. R. Herdt*  
A. R. Herdt, Section Chief, RC&ES Branch

*11/5/79*  
Date Signed

SUMMARY

Inspection on October 15-18, 1979

Areas Inspected

This special, unannounced inspection involved 24 inspector-hours on-site in the areas of IEB 79-17 NDE inspections, inservice inspection documentation, and inspector followup item on welding material documentation.

Results

Of the areas inspected, no items of noncompliance or deviations were identified.

## DETAILS

### 1. Persons Contacted

#### Licensee Employees

- \*R. B. Starkey, Jr., Plant Manager
- \*B. W. Garrison, Quality Assurance Supervisor
- \*M. F. Page, Site Inservice Inspection Coordinator
- D. H. Bauer, QA Specialist

#### Other Organizations

##### NDE Inspection Personnel

- R. B. Weber, Coordinator, Westinghouse
- D. L. Spooner, LIII UT, Virginia Corporation
- T. J. Boyers, LI UT, Virginia Corporation
- G. M. Bratton, LII PT, Virginia Corporation
- M. J. Kemp, LII PI, Virginia Corporation

\*Attended exit interview.

### 2. Exit Interview

The inspection scope and findings were summarized on October 18, 1979, with those persons indicated in Paragraph 1 above. This discussion was primarily devoted to the correspondence and the inspection work involved with IE Bulletin 79-17. On October 22, 1979, the inspector called M. Page to inform him that the concerns over the recording of ISI UT inspection coverage would be carried as an unresolved item in this report.

### 3. Licensee Action on Previous Inspection Findings

Not inspected.

### 4. Unresolved Items

Unresolved items are matters about which more information is required to determine whether they are acceptable or may involve noncompliance or deviations. New unresolved items identified during this inspection are discussed in Paragraph 5.

### 5. Inservice Inspection Data Review and Evaluation

The inspector reviewed the licensee's copy of the nondestructive examination data generated during the last refueling outage. (The ISI contractor has not yet submitted a written report of the inspection results to the licensee because some additional inspections were scheduled which were considered a part of this inspection.)

Weld inspection data sheets selected for review included:

- a. Loop B steam generator outlet nozzle to safe end; weld RCC-(B)-5DM
- b. Loop B steam generator safe end to elbow; weld RCC-(B)-5
- c. Loop A Accumulator discharge line welded support F
- d. Loop B 10-inch accumulator discharge line welds 7 and 8

The inspector noted that several of the data sheets for ultrasonic inspection had the notation "PAR" for one or more of the required scans. This notation stands for partial indicating something less than 100 percent coverage for the weld. The data sheets also contained a written notation describing the restriction or condition which caused the inspection to be less than complete. The inspector noted that the data sheets did not in all cases describe the extent of the limiting condition. This was discussed with the licensee and ISI contractor representatives as a concern about how to determine the extent of the weld that was not fully inspected. After the inspection, the inspector called the licensee on October 22, 1979 to tell him that this method of recording inspection limitations would be considered an unresolved item, pending completion of the contractor's formal report to the licensee. This is item 50-261/79-23-01, "Documentation of Inspection Coverage".

There were no items of noncompliance or deviations in this area of the inspection.

6. Inspector Followup Item

(Closed) IFI 50-261/79-16-01. The inspector reviewed the final documentation package for the welding of the steam generator feedwater piping by Newport News Industrial Corporation (NNI). During an earlier review of the documentation (see IE Report 50-261/79-16) it was noted that the records for the gas tungsten arc welding above the root layer were not included in the records. At the time of this inspection, the weld records were complete. This item is closed.

7. IE Bulletin 79-17, Pipe Cracks in Stagnant Borated Water Systems at PWR Plants

The inspector reviewed the licensee's program for the completion of the inspections required by IE Bulletin 79-17. This review included a review of the selection of the sample welds to be inspected as to number and location. The ultrasonic procedure being used for this inspection NSO-151-90, "Manual Ultrasonic Procedures for Investigating for Presence of Intergranular Corrosion" was reviewed in detail and the application of the procedure on two welds was witnessed. The welds were in the safety injection

system on ISO Number SI-4 welds number 10 and 25. The personnel qualification and inspection material certifications for this work were also reviewed.

There were no items of noncompliance or deviations in this area of the inspection.