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VICE PRESIDENT
NUCLEAR PRODUCTION

84 SEP 14 P 1:23
September 6, 1984

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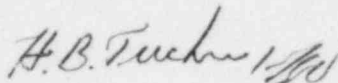
Mr. James P. O'Reilly, Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Re: Catawba Nuclear Station, Units 1 and 2
Docket Nos. 50-413 and 50-414
Significant Deficiency No. 413-414/84-04

Dear Mr. O'Reilly:

Please find attached a final report on the subject deficiency concerning partial penetration welds. This work was completed for Unit 1 and Unit 2 as of July 12, 1984. We are now in full compliance for both Units on this item.

Very truly yours,



Hal B. Tucker

LTP:slb

Attachment

cc: Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

NRC Resident Inspector
Catawba Nuclear Station

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Significant Deficiency
No. 413-414/84-04
Final Report
September 6, 1984

For Unit 1, the final ASME code system was cleared on the problem on 5/13/84. The final Non-ASME code item was cleared 5/4/84, with the exception of the 15 welds that were repaired on "G" auxiliary support frame.

For Unit 2, a review was performed on the Unit 2 ASME code systems. There were no partial penetration welds that were within the scope of this problem. The ASME code fillet welds were reviewed for possible substitution and no welds were found to be within the scope of this problem.

For the Unit 2 Non-ASME code welds, a statistical evaluation was performed on the tunnel and auxiliary support frames. For both groups of frames the welds within the scope of this problem were identified and sampled. More than a 95% confidence that the welds were structurally adequate was achieved for both groups.

This resolves the partial penetration weld problem. We are now in full compliance for Unit 1 and Unit 2.