

CP&L

Carolina Power & Light Company

P. O. Box 101
New Hill, North Carolina 27562
September 19, 1985

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Dr. J. Nelson Grace
United States Nuclear Regulatory Commission
Region II
101 Marietta Street, Northwest (Suite 2900)
Atlanta, Georgia 30323

NRC-388

Dear Dr. Grace:

In reference to your letter of August 21, 1985, referring to RII: WCL 50-400/85-28-01, the attached is Carolina Power & Light Company's reply to the violation identified in Enclosure 1.

It is considered that the corrective action taken is satisfactory for resolution of the item.

Thank you for your consideration in this matter.

Yours very truly,



R. A. Watson
Vice President
Shearon Harris Nuclear Power Plant

RAW:sae

Attachment

cc: Messrs. G. Maxwell/R. Prevatte (NRC-SHNPP)
B. C. Buckley (NRC)

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Reported Violation:

10 CFR 50, Appendix B, Criterion V, as implemented by Harris PSAR Section 17.1.5, requires that activities affecting quality shall be accomplished in accordance with documented instructions, procedures, and drawings.

Paragraph 3.0 of Harris Work Procedure WP-29, Grouting, requires that grouting materials between concrete and baseplates are in place to assure a complete filling of the designated void and to assure complete contact between the grout and the baseplate at all times.

Harris Technical Procedure, TP-37, Grouting Inspection, requires inspection for gaps by requiring that any gaps found between the grout and baseplate interface shall be considered a structural repair.

Contrary to the above, activities affecting quality were not being accomplished in accordance with documented procedures and drawings in that a baseplate grout for support No. 1-RH-H-19 was found improperly inspected. The voids that were identified in three places behind the baseplate were ranged from 1/2" to 3/4" in width, 1-1/2" to 6" in depth, and 3" to 6" in length.

This is a Severity Level V violation (Supplement II).

Denial or Admission and Reason for the Violation:

The violation is correct as stated.

The post-placement inspection of the baseplate grout for support No. 1-RH-H-19 was performed prior to the removal of the inlet grout head. With the grout head in place, the CI Inspector was unable to perform the inspection properly.

Corrective Steps Taken and Results Achieved:

The subject baseplate grout was repaired under placement No. 1RA190076 P-1 in accordance with Procedure WP-27 (Repairing of Concrete and Grout Surfaces) and was inspected in accordance with Procedure TP-48 (Inspection of Concrete and Grout Repairs). Post-placement inspection found no further defects.

An inspection of twenty (20) grouted baseplates, selected at random, was performed after the subject violation was identified. One additional defect not previously identified by an inspector was found, which was evaluated and determined to be cosmetic in nature. Also, one placement was found damaged, apparently after post-placement inspection, and was evaluated and determined to be cosmetic in nature. Cosmetic repairs are non-structural in nature and are performed as a routine craft activity for future housekeeping purposes (i.e., minimize the number of areas in which dirt and debris can build up). The cosmetic conditions identified require no quality inspection.

In addition, a reinspection of baseplate grouts previously accepted by the CI Inspector involved with the violation was performed. A total of eleven (11) placements were reinspected with no structural defects found.

Corrective Steps Taken To Avoid Further Noncompliance:

The inspector of record was counseled as to the proper inspection technique and attention to detail necessary during post-placement inspection of grout.

While the incident is considered to be isolated, as evidenced by the field audit results, special classroom training was held for Civil CI personnel along with the inspector of record.

In addition to the actions taken as a result of this violation, prior to building or specific area turnover, walkdown inspections will be performed to detect repairs which have not been completed in accordance with TP-48. This is an ongoing program.

Date When Full Compliance Was Achieved:

Full compliance was achieved on September 18, 1985.

