TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

October 26, 1979

Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II - Suite 3100
101 Marietta Street
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

Enclosed is our final response to C. E. Murphy's October 5, 1979, letter, RII:JRH 50-518/79-22, 50-519/79-22, 50-520/79-22, and 50-521/79-22, regarding activities at Hartsville Nuclear Plants A and B which appeared to have been in violation of NRC regulations.

We have reviewed the subject inspection report and find no proprietary information in the report. If you have any questions regarding this matter, please call Tish Jenkins at FTS 854-2014.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills, Manager
Nuclear Regulation and Safety

Enclosure

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ENCLOSURE

FINAL RESPONSE TO NRC-OIE LETTER
FROM C. E. MURPHY TO H. G. PARRIS DATED OCTOBER 5, 1979

(REFERENCE RII: JRH 50-518/79-22, 50-519/79-22, 50-520/79-22, 50-521/79-22)

This report responds to the following Notice of Violation described in Appendix A of IE Inspection Report RII: JRH 60-518/79-22, 50-519/79-22, 50-520/79-22, and 50-521/79-22. This is the final report on these noncompliances.

Noncompliance Item-Infraction 518/79-22-02, 519-79-22-02, 520/79-22-02, 521/79-22-02

As required by Criterion V of Appendix B to 10CFR50, and implemented by PSAR Section 17.1A.5, "Activities affecting quality shall be prescribed by documented instructions, procedures, . . . and shall be accomplished in accordance with those instructions, procedures, . . ." TVA Specifications N6C-875 and G-9 require that three-point compaction tests be made by the site soils laboratory on the spray pond central and support fill at least once for each 50 routine tests on each soil type placed to confirm correlation with the central laboratory compaction curves.

Contrary to the above, more than 50 routine tests have been performed on CL soils since July of 1978 and no three-point compaction tests have been made to date.

This is an infraction.

Response

1. Corrective steps taken and results achieved:

   Material is available at Singleton Laboratory from the undisturbed sampling tests that took place between July 5 and September 15, 1978. This material will be used to run the three-point compaction tests to confirm correlation of the compaction curves that were used during the 1978 earthfill season.

   On September 8, 1979, the three-point compaction tests were performed to confirm correlation of the 38 routine tests on CL soils made this season (July - October 1979) with Singleton Laboratory compaction curves. The results of these tests showed acceptable correlation with the Singleton curves. Also, the responsible personnel have been instructed to perform the three-point compaction tests as required in G-9 for spray and earthfill placements this season and in the future.

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2. Corrective steps taken to avoid further noncompliance:

A revision to QCI C-102 has been proposed requiring three-point compaction tests. The draft revision is now being reviewed. Implementation of this revision should prevent further noncompliance of this type.

3. Date when full compliance will be achieved:

Results of the three-point compaction tests of the material placed during the 1978 season will be available December 17, 1979, at which time we will be in full compliance.

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