

TENNESSEE VALLEY AUTHORITY
KNOXVILLE, TENNESSEE 37902

50-327

JUN 28 1984

Mr. Paul J. Traina, Director
Water Management Division
U.S. Environmental Protection Agency
Region IV
345 Courtland Street, NE.
Atlanta, Georgia 30365

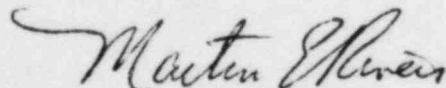
Dear Mr. Traina:

Enclosed are two copies of the report "Aquatic Environmental Conditions in Chickamauga Reservoir During Operation of Sequoyah Nuclear Plant - Third Annual Report (1983)." This report is submitted in accordance with part I., section B.1.c., and part III., section F., of the Sequoyah NPDES permit.

Please note a discrepancy between this report and previous correspondence with you. In a March 16 letter to you from Alvan Bruch, "Sequoyah Nuclear Plant - NPDES No. TN0026450 - Modifications of Sample Design for Larval Fish Entrainment Investigations," we reported an entrainment estimate for freshwater drum in 1983 of 75 percent. This estimate was based on a new method of determining intake flow demand. Subsequent to that transmittal, we discovered that the old method of determining demand was more accurate. Entrainment estimates in the enclosed report reflect this more accurate method. You will note the entrainment estimate for freshwater drum changed from 75 percent to 58 percent. This change will not affect our plans described in the March 16 letter.

If you have questions regarding this report, please call Clyde W. Voigtlander at FTS 856-6655 or (615) 632-6655 in Knoxville, Tennessee.

Sincerely,



Martin E. Rivers, Director
Environmental Quality

Enclosures
cc: See page 2

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Mr. Paul J. Traina

cc (Enclosure):

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U.S. Nuclear Regulatory Commission
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Mr. D. Elmo Lunn, Director
Tennessee Division of Water Management
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