TENNESSEE JALLEY AUTHORITY

50.321

JUN 25 1985

Mr. Bruce Barrett, Director
Division of Water Management
U.S. Environmental Protection Agency
Region IV
345 Courtland Street, NE.
Atlanta, Georgia 30365

Dear Mr. Barrett:

Enclosed are two copies of the report, "Aquatic Environmental Conditions in Chickamauga Reservoir During Operation of Sequoyah Nuclear Plant (SQN) - Fourth Annual Report (1984)." This report is submitted in accordance with part I., section B.l.c., and part III., section F., of the Sequoyah National Pollutant Discharge Elimination System Permit.

Section F requires this monitoring program to "... continue until at least June 1, 1984 (two years after commercial operation of unit 2)..." The enclosed report summarizes data collected January through December 1984. We consider this the final comprehensive monitoring report for SQN because the program has surpassed the date required by the permit. As such, the report provides recommendations for future direction (continue, terminate, or redesign) of each type of aquatic monitoring. We plan to provide a report in 1986 presenting results of the continued/redesigned studies plus other data collected in 1985.

We ask your expeditious concurrence with our recommendations because we would like to initiate our recommendations as soon as possible. If you have any questions, 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 (Enclosure):

> Mr. Harold R. Denton, Director (2) Office of Nuclear Reactor Regulation U.S. Nuclear Regulatory Commission 7920 Norfolk Avenue Washington, D.C. 20555

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cc (Enclosure):

Mr. D. Elmo Lunn, Director Tennessee Division of Water Management 150 Ninth Avenue, North--TERRA Building Nashville, Tennessee 37203

Mr. Jack R. McCormick, Manager Chattanooga Field Office Division of Water Management 2501 Milne Avenue Chattanooga, Tennessee 37404

Mr. James P. O'Railly (2) Regional Administrator U.S. Nuclear Regulatory Commission Region 2 101 Marietta Street, Suite 2900 Atlanta, Georgia 30303

Mr. Walter D. Stieglitz
Acting Regional Director
Department of Interior
U.S. Fish and Wildlife Service
Richard B. Russell Federal Building
75 Spring Street, SW.
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Mr. Lee B. Tebo, Chief Ecological Support Branch U.S. Environmental Protection Agency College Station Road Athens, Georgia 30601