TENNESSEE VALLEY AUTHORITY

NORRIS TENNESSEE 37828 215 Natural Resources Building

JUNE 24 1981

50-327

C003 5 1/0

Mr. James R. Patrick, Jr., Deputy Chief Compliance Branch, Enforcement Division Environmental Protection Agency, Region IV 345 Courtland Street, NE Atlanta, Georgia 30365

Dear Mr. Patrick:

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NOTIFICATION OF NONCOMPLIANCE WITH EFFLUENT LIMITATIONS - NPDES PERMIT NO. TN0026450 - SEQUOYAH NUCLEAR PLANT

Description of the discharge--Discharge No. 024 - Diffuser Discharge. The temperature rise between the upstream and downstream temperature monitors exceeded the maximum permit limitation of 5.4°F, from 3:44 p.m. to 4:44 p.m., CST, on April 14, 1981. The maximum temperature rise during this period was 5.6°F at 4:44 p.m., CST. The maximum downstream temperature during this time was 69.6°F. This violation was inadvertently overlooked until the quarterly Discharge Monitoring Report was being prepared and thus was not reported within the required five-day period.

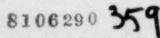
Cause and period of the noncompliance--The exact cause of this noncompliance is unknown, but we believe that solar heating and low river flows contributed to this noncompliance. Also, the temporary thermal monitoring reporting system only provides the plant perators with the reservoir temperature rise value once every two hours, and the plant operators were not aware of this short violation which occurred for less than two hours. The reservoir temperature rise was 5.3°F at 5:14 p.m., CST, on April 14, 1981 so the period of noncompliance was less than 105 minutes.

Steps taken to reduce, eliminate, and prevent recurrence of the noncomplying discharge--Since the plant operators were not aware of the reservoir temperature rise violation, no mitigative actions were taken on April 14, 1981. To prevent this problem from recurring, steps have been initiated which will provide the plant operators with all reservoir temperature rise values.

Sincerely,

Mohamed T. El-Ashry, Ph.D. Assistant Manager of Natural Resources (Environment)

cc: See page 2





Mr. James R. Patrick, Jr.

cc: Tennessee Department of Public Health
Division of Water Quality Control
621 Cordel1 Hull Building
Nashville, Tennessee 37219

Mr. Harold E. Denton, Director Office of Nuclear Reactor Regulation U.S. Nuclear Regulatory Commission 7920 Norfolk Avenue Washington, DC 20555

Mr. James P. O'Reilly, Director Office of Inspection and Enforcement U.S. Nuclear Regulatory Commission Kugion II - Suite 3300, 101 Marietta Street Atlanta, Georgia 30303