

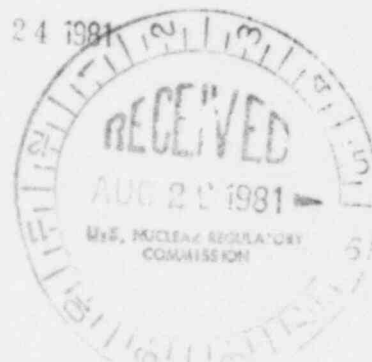
TENNESSEE VALLEY AUTHORITY

NORRIS, TENNESSEE 37828

215 Natural Resources Building

AUGUST 24 1981

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:

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

Description of the Discharge--Discharge No. 019 - Service Building Sump Discharge. A sample collected and analyzed on August 17, 1981 contained 286 mg/l of suspended solids, exceeding the maximum permit limitation of 100 mg/l.

Cause and period of the noncompliance--Under normal low flow conditions, solids settle and accumulate in this sump. This sump normally is cleaned once a month, but the cleaning scheduled for August 1981 was inadvertently not done. Apparently, the solids had accumulated to the point where they were discharged by the sump pump. A sample collected on August 13, 1981 contained a suspended solids concentration of 4.6 mg/l. Since the problem apparently began after August 13, 1981 and ended when the sump was cleaned out on August 17, 1981, the period of noncompliance was less than four days.

Steps taken to reduce, eliminate, and prevent recurrence of the noncomplying discharge--The sump was cleaned on August 17, 1981 to end this period of noncompliance. As an interim corrective measure, the sump cleaning frequency will be increased to twice a month. As a long-term corrective measure, a Design Change Request has been issued to reroute this waste stream to the operational sewage treatment plant (discharge 003), which will provide additional treatment for this waste stream.

Sincerely,

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

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Mr. James R. Patrick, Jr.

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NO. TN0026450 - SEQUOYAH NUCLEAR PLANT

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

Mr. Harold R. Danton, 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, Region II  
101 Marietta Street  
Atlanta, Georgia 30303