

TENNESSEE VALLEY AUTHORITY  
KNOXVILLE, TENNESSEE, 37902  
TVA Mailroom

JAN 12 1984

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Mr. John Marlar, Chief  
Facilities Performance Branch  
Water Management Division  
U.S. Environmental Protection Agency  
Region IV  
345 Courtland Street, NE.  
Atlanta, Georgia 30365

Dear Mr. Marlar:

NOTIFICATION OF NONCOMPLIANCE WITH EFFLUENT LIMITATIONS - NPDES PERMIT  
NO. AL0022080 - BROWNS FERRY NUCLEAR PLANT

Description of the discharge--Discharge No. 006 - Sewage treatment plant effluent. A grab sample collected on December 21, 1983, and reported from the laboratory on December 27, 1983, exceeded the maximum permit limitations as shown below.

<u>Parameter</u>	<u>Concentration</u>	<u>Maximum Limitation</u>
BOD <sub>5</sub>	530 mg/L	45 mg/L
TSS <sub>5</sub>	1500 mg/L	45 mg/L

Cause and period of the noncompliance--The daily total flow averaged 68,250 gpd for the four days preceding sample collection. On the day of sample collection, the daily total flow was 68,000 gpd. These high flows overloaded the treatment capacity of the system and contributed to the noncompliances.

Steps taken to reduce, eliminate, and prevent recurrence of the noncomplying discharge--TVA has budgeted funds to replace the sewage treatment plant in FY 1984. Design plans are being prepared for State approval.

Sincerely,

Original signed by  
Alvan Bruch

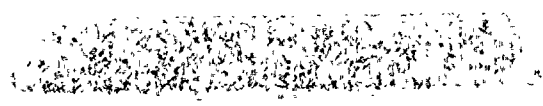
Alvan Bruch, Ph.D.  
Acting Director of  
Environmental Quality

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JAN 12 1984

Mr. John Marlar

cc: Mr. Joe B. Broadwater, Director  
Alabama Department of  
Environmental Management  
State Capitol  
Montgomery, Alabama 36130

Director, Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

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