

TENNESSEE VALLEY AUTHORITY

KNOXVILLE, TENNESSEE 37902

TVA Mailroom

IE HQ FILE COPY

NOV 21 1983

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

50-259  
50-260

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 November 1 and reported from the  
laboratory on November 8 exceeded the maximum permit limitations as shown  
below.

<u>Parameter</u>	<u>Concentration</u>	<u>Maximum Limitation</u>
BOD <sub>5</sub>	76 mg/L	45 mg/L
TSS <sub>5</sub>	46 mg/L	45 mg/L

Cause and period of the noncompliance--The daily total flow averaged  
57,500 GPD for the four days preceding sample collection. On the day of  
sample collection the daily total flow was 44,000 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 and State approval documents are being prepared.

Sincerely,

Original signed by  
Alvan Bruch

Alvan Bruch  
Acting Director of  
Environmental Quality

*Env.*

cc: See page 2

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Mr. John Marlar

NOV 21 1983

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

