

TENNESSEE VALLEY AUTHORITY

KNOXVILLE, TENNESSEE 37902

TVA Mailroom

DEC 23 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

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 29 and reported from the laboratory on December 5 exceeded the maximum permit limitations as shown below.

<u>Parameter</u>	<u>Concentration</u>	<u>Maximum Limitation</u>
BOD ₅	72 mg/L	45 mg/L
TSS ₅	77 mg/L	45 mg/L

Cause and period of the noncompliance--The daily total flow averaged 38,100 gpd for the four days preceding sample collection. On the day of sample collection the daily total flow was 67,600 gpd. These high flows overloaded the treatment capacity of the system and contributed to the noncompliance.

Steps taken to reduce, eliminate, and prevent recurrence of the noncomplying discharge--A sewage lagoon has been designed to replace the sewage treatment plant. The engineering report was submitted to the Alabama Department of Environmental Management for approval on November 30.

Sincerely,

Original signed by
Dennis M. McCarthy

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

cc: See page 2

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1983-TVA 50TH ANNIVERSARY

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Mr. John Marlar

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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