

TENNESSEE VALLEY AUTHORITY
KNOXVILLE, TENNESSEE 37902

JUL 18 1984

Mr. John Marlar, Chief
Facilities Performance Branch
Water Management Division
U.S. Environmental Protection Agency
Region IV
345 Courtland Street, N.E.
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. Analyses of grab samples collected in June had the following
parameters to exceed the maximum permit limitations.

<u>Date</u>	<u>Parameter</u>	<u>Concentration</u>	<u>Maximum Limitations</u>
6/07	BOD ₅ TSS	120 mg/L 59 mg/L	45 mg/L 45 mg/L
6/12	BOD ₅ TSS	225 mg/L 150 mg/L	45 mg/L 45 mg/L
6/21	BOD ₅ TSS	90 mg/L 540 mg/L	45 mg/L 45 mg/L

Cause and period of the noncompliance--The sewage treatment plant is
overloaded. High flows contributed directly to the noncompliances by washing
solids over the clarifier weir.

Steps taken to reduce, eliminate, and prevent recurrence of the noncomplying
discharge--The chlorine contact tank is periodically pumped out to help
reduce permit noncompliances resulting from overloaded conditions. A sewage
treatment lagoon has been designed to replace the facility in 1984 and site
preparation for construction has begun. The sewage treatment plant will
be operated as close as possible to the permit limits until the lagoon is
operational.

Sincerely,

Original signed by
Martin E. Rivers

Martin E. Rivers, Director
Environmental Quality

cc: See page 2

8407250461 840718
PDR ADOCK 05000259
S PDR

An Equal Opportunity Employer

IF25
1/0

JUL 18 1984

Mr. John Marlar

cc: Mr. Joe B. Broadwater, Director
Alabama Department of
Environmental Management
1751 Federal Drive
Montgomery, Alabama 36130

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