

TENNESSEE VALLEY AUTHORITY

KNOXVILLE, TENNESSEE 37902

TVA Mailroom

57-327

NOV 12 1982

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. TN0026450 - SEQUOYAH NUCLEAR PLANT

Description of the discharge--Discharge No. 019 - Service building sump. Routine monitoring samples collected on October 18 and 26 contained total suspended solids (TSS) concentrations exceeding the maximum permit limitation of 100 mg/L. The sample values are shown in the table. The daily flow volumes from DSN 019 were 240 gpd and 135 gpd.

<u>Date</u>	<u>Time</u>	<u>TSS Concentrations</u>
October 14	7:30 a.m.	54 mg/L
October 18	11:00 a.m.	127 mg/L
October 18	6:00 p.m.	140 mg/L
October 18	9:25 p.m.	52 mg/L
October 21	6:55 a.m.	52 mg/L
October 26	8:30 a.m.	120 mg/L
October 26	10:00 a.m.	107 mg/L
October 26	9:40 p.m.	32 mg/L

Cause and period of the noncompliance--The exact cause of the noncompliances is unknown. We suspect remodeling involving concrete dust, etc., in the sump area contributed excessive amounts of solids resulting in the violations. The remodeling work has since ceased. Sample values indicated in the table show the possible duration of each noncompliance period was approximately nine days.

Steps taken to reduce, eliminate, and prevent recurrence of the noncomplying discharge--The sump was pumped out and cleaned on October 19 and 26 following each noncomplying sample to eliminate the excessive solids accumulation. Steps to control dust and other particulate matter during future remodeling work will be considered to prevent recurrence of this source of solids.

Sincerely,

Original Signed By
 M. Paul Schmierbach

Mohamed T. El-Ashry, Ph.D.
 Director of Environmental
 Quality

cc: See page 2

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Mr. John Marlar

cc: Tennessee Department of Public Health
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