October 9, 2003

Ms. Natalie Harris, Manager
Knoxville Environmental Assistance Center
Division of Water Pollution Control
Tennessee Department of Environment
and Conservation
2700 Middlebrook Pike, Suite 220
Knoxville, Tennessee 37921

TENNESSEE VALLEY AUTHORITY (TVA) - KINGSTON FOSSIL PLANT (KIF) - TENNESSEE MULTI-SECTOR PERMIT NUMBER TNR051787 - EFFLUENT CUT-OFF CONCENTRATION EXCEEDANCE

As required by the permit under Section IV.C, notification is given that annual analysis at outfalls F13A, F13B, and F15B at KIF have exceeded storm water monitoring results with effluent concentrations above the monitoring cut-off concentration of 5 mg/L Total Iron. We are submitting the following monitoring information for the annual sample.

1. **Storm Water Outfall # F13A**

Outfall Description:
This stormwater outfall carries runoff from general material storage yard and perimeter area (0.9 acres) located north east of the powerhouse.

Storm Water Monitoring Data Summary:
Annual 2003 = 23.0 mg/L Total Iron

Cut -Off Concentration
5.0 mg/L Total Iron

Likely Source(s) of Pollution:
Lack of vegetation around perimeter of fence.

Summary of Corrective Actions:
Area along fence has been seeded.

Proposed Corrective Actions:
Area will be monitored to ensure successful seeding.

2. **Storm Water Outfall # F13B**

Outfall Description:
This stormwater outfall carries runoff from material storage yard (1.9 acres) located north east of the powerhouse.

Storm Water Monitoring Data Summary:
Annual 2003 = 8.2 mg/L Total Iron

Cut -Off Concentration
5.0 mg/L Total Iron

Likely Source(s) of Pollution:
Lack of vegetation around perimeter of fence.

Summary of Corrective Actions:
Area along fence has been seeded.

Proposed Corrective Actions:
Area will be monitored to ensure successful seeding.

3. **Storm Water Outfall # F15B**

Outfall Description:
This stormwater outfall carries runoff from grassy area front of Condenser Cooling Water Pumps and area adjacent to intake structure (0.7 acres) located east of powerhouse.

Storm Water Monitoring Data Summary:
Annual 2003 = 55 mg/L Total Iron

Cut -Off Concentration
5.0 mg/L Total Iron

Likely Source(s) of Pollution:
Construction in this area, which is red clay type soil, is the most likely source of iron in the runoff in this area.

Summary of Corrective Actions:
Rip-Rap has been applied to a steep part of this area. The area around storm drain has been reseeded and storm drain protected until area is vegetated.

Proposed Corrective Actions:
Area will be evaluated to ensure reseeding is successful.

If you have any questions regarding storm water monitoring please call Linda Campbell at (865) 717-2157.

Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who managed the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

Earl. L. Deskins
Plant Manager

cc. J. W. Ship, Jr., MR 2T-C
J.K. Watts, LP 5D-C
EDMS, EB 5G-C
File