



Tennessee Valley Authority, Post Office Box 2000, Soddy Daisy, Tennessee 37384-2000

April 7, 2017

Ms. Jennifer Innes
Tennessee Department of Environment
and Conservation
Division of Water Pollution Control
1301 Riverfront Parkway
Chattanooga, Tennessee 37402

50-327/328

Dear Ms. Innes:

**TENNESSEE VALLEY AUTHORITY (TVA) - SEQUOYAH NUCLEAR PLANT (SQN) - TMSP
PERMIT NO. TNR050015, SECTOR O - EXCEEDANCE OF BENCHMARK MONITORING
REQUIREMENT**

This letter serves as the 30- and 60-day notification of an exceedance of the benchmark monitoring requirement for total recoverable iron. Storm Water Outfall 6 was sampled during a qualifying event on March 7, 2017, resulting in an iron value of 5.820, which exceeds the benchmark value of 5.0. The analytical results are summarized in the table below.

Table 1. Total Recoverable Iron Results

| Storm Water Outfall Number | Sample Date | Sample Analysis Received Date | Analytical Results (mg/L) | Benchmark Monitoring Requirement (mg/L) |
|----------------------------|-------------|-------------------------------|---------------------------|---|
| 6 | 3/7/17 | 3/15/17 | 5.8 | 5 |

30-Day Requirement

Per the permit requirement, the area surrounding Outfall 6 was inspected to determine the likely cause of the exceedance. Upon examination, it is believed that the cause of the exceedance is possibly due to 55-gallon drums stored in the Empty Drum Storage Area located near the flow path of the outfall.

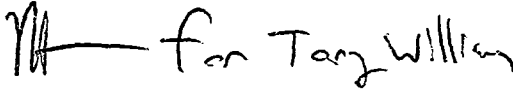
60-Day Requirement

The SWPPP has been reviewed for any changes to Drainage Area 4, which includes Outfall 6. The Empty Drum Yard Storage area will be added to Drainage Area 4 as an area for potential iron runoff. The use of heavy metal adsorbent socks along the flow path to Outfall 6 will be added to the BMPs for that area. Modifications to the SWPPP will be completed by May 5, 2017. Please contact Millicent Garland by email at mrmoores@tva.gov or by phone at (423) 843-6714.

IE23
NRR

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 gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage 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,

A handwritten signature in black ink that reads "Anthony L. Williams". The signature is written in a cursive style with a large initial "A" and "W".

Anthony L. Williams
Site Vice President
Sequoyah Nuclear Plant

Enclosures

cc (Enclosures):

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555