

Date: June 1, 2010

To: Leo Francendese

From: : Dennis Yankee

Re: Surface Water Data Collected During the Time-Critical Removal Action

Surface water samples were collected in accordance with the Surface Water Monitoring Plan dated August 2009 and in accordance with EPA guidelines for sample collection. All field activities involving and concerning sample collection, planning, documentation, and preparation of sampling equipment and sample containers were governed by Standard Operating Procedures (SOPs) as previously made available to regulators. The SOPs were independently reviewed by EPA's SESD, Region IV.

Data validation and review were conducted in accordance with the EPA Functional Guidelines as documented in the approved QAPP and Data Management Plan (DMP) so that the data are of defensible and documented quality or are properly coded as of limited utility.

TVA's independent QA Contractor conducted and prepared written documentation of assessments of laboratories and field oversight of sample collection activities. The Contractor also performed exhaustive data review, verification, and validation and worked directly with laboratories to resolve measurement and data issues. These activities were carried out in accordance with the QAPP and the DMP. Surface water data were subjected to one hundred percent verification in accordance with the DMP. Additionally, one hundred percent of data through January 2010 have been fully validated. More recent data will be subjected to validation at a lower frequency but records will be maintained that validation may be carried out should the need arise.

Independent audits of sample collection and data deliverables were performed by EPA SESD, Region IV or by contractors to Region IV. Split samples were collected at various times by contractors to Region IV and sent to a separate laboratory from the one TVA utilizes. The relative percent difference of analytical results between the two performing laboratories has been evaluated and falls well within expected bounds.

Consequently, TVA can assure EPA of the known quality and documented usability of the surface water data generated during the time-critical removal action. TVA asserts that under the quality system described above, the surface water data collected during the time-critical removal action are valid and credible for use in assessing risks to human health and the environment.

Sincerely,

A handwritten signature in black ink, appearing to read "Dennis Yankee", written over a horizontal line.

Dennis Yankee