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October 4, 2004

Mr. Larry F. Cook, Jr.
Solid Waste Field Supervisor
Knoxville Environmental Assistance Center
Division of Solid Waste Management
Tennessee Department of Environment
and Conservation
2700 Middlebrook Pike, Suite 220
Knoxville, Tennessee 37921-5602

TENNESSEE VALLEY AUTHORITY – KINGSTON FOSSIL PLANT (KFP) – ASH
DISPOSAL – IDL 73-0094 – REPORT OF CHANGE IN PROCESS

Dear Mr. Cook:

We are sending this letter to notify you that as a result of the installation of new air pollution control equipment for NOx reduction at the KFP, there is the possibility that small quantities of ammonia may accumulate in the dry fly ash by adsorption to ash particles. In accordance with current operations, this ammoniated ash would then be transferred to and subsequently disposed of onsite, at the currently permitted dry fly ash stack. Based upon our experience and the experience of other electrical utilities, the levels of ammonia which can be expected from this technology should be very low. While we are not anticipating any problems as a result of this equipment modification, due to the potential for small levels of ammonia to be transferred to the ash, we felt that a duty to report this change to your office existed in accordance with Rule 1200-1-7-.02(4)(a)10.

In advance of the installation of this equipment and in response to an Environmental Assessment commitment, TVA added ammonia to the list of groundwater sampling constituents and began analyzing for and reporting this constituent along with the regular semi-annual compliance monitoring beginning with the June 2003 submittal. To date, there have been no detections of ammonia in any of the samples retrieved from the site prior to or after the installation of this equipment. We will continue to analyze for and report ammonia during all future groundwater compliance events.

Mr. Larry F. Cook, Jr.
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If you have questions regarding the report, please contact Amos Smith at (423) 751-3522
or Linda Campbell at (865) 717-2157.

Gordon G. Park
Manager of Permitted Programs
Environmental Affairs
5D Lookout Place

ALS ALS:SMF
cc: L. F. Campbell, KFP 1A-KST
E. L. Deskins, KFP 1A-KST
J. W. Shipp, MR 2T-C
B. B. Walton, ET 11A-K
EDM, WT CA-K

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Tennessee Valley Authority, 1101 Market Street, Chattanooga, Tennessee 37402-2801

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A handwritten signature in black ink that reads "Gordon G. Park".

Gordon G. Park
Manager of Permitted Programs
Environmental Affairs
5D Lookout Place