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STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
KNOXVILLE ENVIRONMENTAL FIELD OFFICE

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Env. Document Type:
Solid Waste
Correspondence

March 20, 2006

Mr. Steven C. Strunk
Manager of Permitted Programs
Tennessee Valley Authority
1101 Market Street
Chattanooga, Tennessee 37402-2801

XC: L.F. Campbell, KFP IA-KST
Reading File, LP SD-C
EDM, WT CA-K

RE: Proposed modification to approved construction and operation plans - Revised drainage structure design for cell drainage toward ash pond at Kingston Power Plant Coal Ash Fill, IDL 73-0094

Dear Mr. Strunk:

The revised plan for TVA Kingston Power Plant Coal Ash Fill, submitted to our office by TVA Fossil and Hydro Engineering on March 15, 2006, has been reviewed in accordance with Rule Chapter 1200-1-7, Solid Waste Processing and Disposal. This modification consists of a modified surface drainage system to use HDPE rather than corrugated steel drains to lower and maintain the surface water level in the active cells, with downdrains located just below the surface of the outer berms. The drain outlet locations are modified also, to channel water from the upper cells into the "interim dredge cell" to maintain wet conditions there in order to avoid a dust problem while this cell is inactive. New drainpipes are also provided from the "interim dredge cell" to the ash pond. We find that the revised plan meets the regulatory requirements, and we believe this design to be an improvement over the existing system that should be considered a minor modification, and we are therefore approving the plan as submitted. In all aspects of construction and operation affected by the modification, this plan will replace and supercede the original plan.

Work may begin to install the features included with this modification at any time when the weather is suitable and the necessary equipment and materials can be mobilized to the site.

TVA-00026239

Mr. Steven Strunk
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An approved copy of the modified plan is enclosed for your use. If you have any questions concerning this matter, do not hesitate to contact me.

Yours truly,



Rick Brown
Environmental Engineer
Division of Solid Waste Management



Larry F. Cook
Knoxville Field Office Manager

cc: DSWM, Nashville Central Office

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minrmod

Approved as minor modification
Rick Brown DSWM
March 20 2006

TVA Copy



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

March 15, 2006

Mr. Rick Brown
Environmental Engineer
Division of Solid Waste Management
Tennessee Department of Environment and Conservation
2700 Middlebrook Pike, Suite 220
Knoxville, Tennessee 37921-5602

Dear Mr. Brown:

TENNESSEE VALLEY AUTHORITY (TVA) – MINOR PERMIT MODIFICATION – ASH
LANDFILL – KINGSTON FOSSIL PLANT

As we discussed with you in a meeting on March 8, 2006, TVA requests a minor permit modification for the existing permitted landfill at our Kingston Fossil Plant. This modification will change the route of the discharge from the existing dredge cells into the ash pond. As we discussed, TVA would like to make these modifications this summer. Enclosed are three copies of the engineering drawings for this modification as well as one copy of the complete landfill drawing set, revised to reflect this change, for the pending lateral expansion request.

If you have any questions, please contact Larry C. Bowers at (423) 751-4947 in Chattanooga. Mr. Bowers is the TVA point of contact for this project.

Sincerely,

Steven C. Strunk
Manager, Permitted Programs
5D Lookout Place

Enclosures

cc: Mr. Glen Pugh
Division of Solid Waste Management
TN Department of Environment and Conservation
Fifth Floor, L&C Annex
401 Church Street
Nashville, Tennessee 37243