A60 040106 501
Env. Document Type: Solid Waste Correspondence

January 6, 2004

Ms. Paula Plont
Division of Solid Waste
Knoxville EAC
2700 Middlebrook Pike, Suite 220
Knoxville, Tennessee 37921

TENNESSEE VALLEY AUTHORITY (TVA) – REQUEST FOR MINOR MODIFICATION – KINGSTON FOSSIL PLANT (KIF) IDL 73-0094

Dear Ms. Plont:

As you discussed with members of my staff, TVA seeks a minor modification of its Solid Waste Permit at KIF to facilitate the movement of ash into the permitted dredge when dredging is not possible. This modification would entail an additional sentence to be added to item (5) on page 6 of the closure plan originally submitted in September 1995. A revised page 6 is enclosed.

If you have questions concerning this correspondence, please call Larry C. Bowers at (423) 751-4947 in Chattanooga.

Sincerely,

Janet K. Watts
Manager of Environmental Affairs
5D Lookout Place

GGP:LCB:SMF
Enclosure
cc: Mr. Glen Pugh
Solid Waste Section
Division of Solid Waste Management
5th Floor, L&C Tower
401 Church Street
Nashville, Tennessee 37243-1535

EDMS, WT CA-K

Q:\media files\sldwaste\general\Request for minor modifications\KIF lcb.doc

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

January 6, 2004

Ms. Paula Plont
Division of Solid Waste
Knoxville EAC
2700 Middlebrook Pike, Suite 220
Knoxville, Tennessee 37921

TENNESSEE VALLEY AUTHORITY (TVA) – REQUEST FOR MINOR MODIFICATION – KINGSTON FOSSIL PLANT (KIF) IDL 73-0094

Dear Ms. Plont:

As you discussed with members of my staff, TVA seeks a minor modification of its Solid Waste Permit at KIF to facilitate the movement of ash into the permitted dredge when dredging is not possible. This modification would entail an additional sentence to be added to item (5) on page 6 of the closure plan originally submitted in September 1995. A revised page 6 is enclosed.

If you have questions concerning this correspondence, please call Larry C. Bowers at (423) 751-4947 in Chattanooga.

Sincerely,

Janet Watts

Janet K. Watts
Manager of Environmental Affairs
5D Lookout Place

Enclosure

cc: Mr. Glen Pugh
Solid Waste Section
Division of Solid Waste Management
5th Floor, L&C Tower
401 Church Street
Nashville, Tennessee 37243-1535

(3) The sluicing water continues on through the stilling pool before it is discharged into the river. Within the stilling pool the water is treated with lime as needed to control the pH.

(4) The dredge cell dikes are constructed out of bottom ash material collected from the the bottom ash sluice channel. This ash is collected and transported by pans to the dredge cell area. Pans, dozers, backhoe/loaders, front-end loaders and dump trucks are then used to shape and construct the dikes in accordance with the drawings included with this plan.

(5) During normal operation, material is then periodically dredged from the active ash pond and is hydraulically deposited to the interior of the dredge cell dikes. However, hydraulic dredging may not be possible or desired at all times and TVA will on occasion transport material to the dredge cell by other means including dipping and hauling.

(6) The disposal process is an essentially continuous incremental procedure. No daily earth cover will be required. Intermediate cover may be placed in areas of the dredge cell dike that do not achieve final contours and vegetated during inactive phases of operation. The ash is physically stable, nonputrescible, and is not an attractant for disease or animal vectors.

(7) The dredge cell side-slopes will continue at 3:1 with intermediate benches for erosion control and surface water drainage.

(8) Dust is controlled by utilizing a water tank truck as required on the haul roads and dikes.

(9) The ash disposal area dikes are formally inspected each spring.

2. Drainage System

The surface water drainage system will be operated with the same concepts as have proven to be historically successful during the operation of other TVA ash facilities.

The potential run-on from surrounding areas will continue to be intercepted in the existing diversion ditching network. The handling of this extraneous water assists in stormwater management and erosion control within the ash pond area.