

ATTACHMENT 10
Waste Information
Special Waste Landfill Permit
FGD Disposal Facility
Big Sandy Plant – Ash Pond Closure
Lawrence County, Kentucky

This is a permit application for the closure of an existing fly ash pond. No wastes are anticipated to be generated and/or placed at the facility.

The proposed closure is being pursued through a special waste permit, as instructed by the Kentucky Department of Environmental Protection (KDEP) as no specific regulations exist for the closure of wet fly ash ponds. The facility is currently being regulated through a Kentucky Pollutant Discharge Elimination System (KPDES) Permit under the Clean Water Act, et al, and other surface water regulations.

The approximately 130 acre fly ash pond has received coal combustion products since 1970. The pond was created by the construction of a 152-foot earthen embankment (existing Horseford Creek Dam) constructed on the northwest valley created by the Horseford Creek and a 62-foot embankment to the southwest (existing Saddle Dam), 1.3 miles northwest of the Big Sandy Power Plant. As of 2009, the estimated total storage capacity of the pond is 8,302 acre-foot (13.4 M cubic yards).

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ANTICIPATED SPECIAL WASTE SOURCES, CHARACTERISTICS, AND AMOUNTS			
SOURCE FACILITY NAME AND LOCATION	SPECIAL WASTE DESCRIPTION	ANNUAL QUANTITY RECEIVED (Cu.Yds.)	ANNUAL QUANTITY RECEIVED (Tons)
Not applicable. No wastes are anticipated to be generated and/or placed at the facility	Facility currently contains wet fly ash from air pollution control systems from the Big Sandy Plant.	0	0