

US EPA ARCHIVE DOCUMENT

<b>COMPANY</b>	Kentucky Power Company	Kentucky Power Company
<b>PLANT</b>	Big Sandy	Big Sandy
<b>ASH MANAGEMENT UNIT</b>	Bottom Ash Complex	Fly Ash Pond
<b>QUESTION 1</b>		
Dam Hazard Rating	Low	High
Who Established Rating	KYDEP -- Div. of Water	KYDEP -- Div. of Water
Basis for Rating	Health Hazard	Health Hazard
No Rating Assigned	N/A	N/A
<b>QUESTION 2</b>		
Year Commissioned	1969	1969
Year(s) Expanded	N/A	Modification started in 1992, still under construction
<b>QUESTION 3 - Mark all that apply</b>		
Fly Ash		X
Bottom Ash	X	
Boiler Slag		
Flue Gas Emission Control Residuals		
Other (Specify)		
<b>QUESTION 4</b>		
Designed by P.E.	Not Available	Yes (Latest Modification)
Constructed under P.E. Supervision	Not Available	Yes
Inspection/monitoring under P.E. Supervision	Yes	Yes
<b>QUESTION 5</b>		
Date of Last Company Safety Assessment	10/23/2008	10/23/2008
Describe Evaluator's Credentials	KY P.E.	KY P.E.
Describe Past Followup Corrective Actions	Routine maintenance	Routine maintenance
Describe Credentials of Corrective Action Implementers	Under plant supervision	Under plant supervision
Describe Planned Followup Actions	Regrade and stabilize splitter dike with revetment, routine maintenance	Routine maintenance
Date of Next Safety Assessment	2011	2009
<b>QUESTION 6</b>		
Date of Last Regulatory Safety Inspection	Not Inspected	6/3/2008
Agency Name	N/A	KYDEP -- Div. of Water
Date of Planned Regulatory Safety Inspection	N/A	N/A
Agency Name	N/A	N/A
Copy of Most Recent Regulatory Inspection Included	N/A	Yes
<b>QUESTION 7</b>		
Safety Issues from Regulatory Inspections w/in Past Year	N/A	None (Routine maintenance items only)
Corrective Actions	N/A	N/A
Documentation Included	N/A	N/A
<b>QUESTION 8</b>		
Surface Area (acres)	5 acres - The bottom ash pond complex is a multi-pond system where other wastewaters are separately treated in contiguous cells. These pond complexes typically also include secondary (and in some cases tertiary) settling ponds for final "polishing" of effluent quality. The information provided is based on the entire impoundment as regulated under dam safety rules.	97.1 acres
Total Storage Capacity	40 acre-ft	8,302 acre-ft
Volume Currently Stored	Variable - ash is routinely removed for beneficial use	Unable to be determined in the time allotted to complete this survey
Date of Volume Measurement	N/A	N/A
Maximum Height (feet)	16	171 -- Max. Height (Presently Raising) 152 -- Current Height
<b>QUESTION 9</b>		
Spills or Unpermitted Release History (10 Years)	No	No
<b>QUESTION 10</b>		
All legal owner(s) and operator(s)	Kentucky Power Company	Kentucky Power Company