

US EPA ARCHIVE DOCUMENT

COMPANY	Ohio Power Company	Ohio Power Company
PLANT	Mitchell	Mitchell
ASH MANAGEMENT UNIT	Bottom Ash Complex	Fly Ash Pond
QUESTION 1		
Dam Hazard Rating	Significant	High
Who Established Rating	WVDEP -- Div. of Water and Waste Mgmt.	WVDEP -- Div. of Water and Waste Mgmt.
Basis for Rating	Health Hazard	Health Hazard
No Rating Assigned	N/A	N/A
QUESTION 2		
Year Commissioned	1975	1971
Year(s) Expanded	N/A	Presently raising
QUESTION 3 - Mark all that apply		
Fly Ash		X
Bottom Ash	X	
Boiler Slag		
Flue Gas Emission Control Residuals		
Other (Specify)		X - Coal preparation plant solids
QUESTION 4		
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
QUESTION 5		
Date of Last Company Safety Assessment	2/24/2009	2/24/2009
Describe Evaluator's Credentials	WV P.E.	WV P.E.
Describe Past Followup Corrective Actions	Routine maintenance	Routine maintenance, Repair erosion on U/S slope, eliminate vegetation in riprap channels and impact basin
Describe Credentials of Corrective Action Implementers	Under plant supervision	Under plant supervision
Describe Planned Followup Actions	Routine maintenance	Routine maintenance
Date of Next Safety Assessment	2011	2010
QUESTION 6		
Date of Last Regulatory Safety Inspection	2/24/2009	10/17/2008
Agency Name	WVDEP -- Div. of Water and Waste Mgmt.	WVDEP -- Div. of Water and Waste Mgmt.
Date of Planned Regulatory Safety Inspection	N/A	N/A
Agency Name	N/A	N/A
Copy of Most Recent Regulatory Inspection Included	Yes	Yes
QUESTION 7		
Safety Issues from Regulatory Inspections w/in Past Year	None	None
Corrective Actions	N/A	N/A
Documentation Included	N/A	N/A
QUESTION 8		
Surface Area (acres)	17.5 acres - The bottom ash pond complex is a multi-pond system where wastewaters are 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.	71 acres
Total Storage Capacity	262 acre-ft	13,500 acre-ft
Volume Currently Stored	Variable - ash is routinely removed for beneficial use	48 million cu. yds.
Date of Volume Measurement	N/A	2008
Maximum Height (feet)	30	410 -- Max. Height (Presently Raising) 355 -- Current Height
QUESTION 9		
Spills or Unpermitted Release History (10 Years)	No	No
QUESTION 10		
All legal owner(s) and operator(s)	Ohio Power Company	Ohio Power Company