

US EPA ARCHIVE DOCUMENT

COMPANY	Appalachian Power Company	Appalachian Power Company
PLANT	Philip Sporn	Philip Sporn
ASH MANAGEMENT UNIT	Bottom Ash Pond	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	1974	1973
Year(s) Expanded	Latest Modification in 2002 (Designed in 1996)	Latest Modification in 2002 (Designed in 1996)
QUESTION 3 - Mark all that apply		
Fly Ash		X
Bottom Ash	X	
Boiler Slag		
Flue Gas Emission Control Residuals		
Other (Specify)		
QUESTION 4		
Designed by P.E.	Yes (in 1996 -- Latest Modification)	Yes (in 1996 -- Latest Modification)
Constructed under P.E. Supervision	Yes	Yes
Inspection/monitoring under P.E. Supervision	Yes	Yes
QUESTION 5		
Date of Last Company Safety Assessment	10/1/2008	10/1/2008
Describe Evaluator's Credentials	WV P.E.	WV 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	Routine maintenance, remediation of foundations and carbon steel structures at clear water and bottom ash pond overflows, remediation of erosion on eastern dike	Routine Maintenance items at tree clearing at D/S toe, remediation of erosion and evaluation of scour on eastern dike, remediation of erosion and slippage on western dike
Date of Next Safety Assessment	2010	2009
QUESTION 6		
Date of Last Regulatory Safety Inspection	3/11/2009	3/11/2009 (Rpt. not received)
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	Report not yet received, no previous rpt.	Yes (from 4/6/05 insp., 2009 rpt. not yet available)
QUESTION 7		
Safety Issues from Regulatory Inspections w/in Past Year	Yes	Yes
Corrective Actions	Remediation of erosion on eastern dike	Remediation of erosion and evaluation of scour on eastern dike, remediation of erosion and slippage on western dike
Documentation Included	To be performed	To be performed
QUESTION 8		
Surface Area (acres)	12.2 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.	60.5 acres
Total Storage Capacity	256 acre-ft	1,965 acre-ft
Volume Currently Stored	Variable - ash is routinely removed for beneficial use	Variable - ash is routinely removed for final disposal in dry landfill
Date of Volume Measurement	N/A	N/A
Maximum Height (feet)	42	65
QUESTION 9		
Spills or Unpermitted Release History (10 Years)	No	No
QUESTION 10		
All legal owner(s) and operator(s)	Appalachian Power Company, Ohio Power Company	Appalachian Power Company, Ohio Power Company