

US EPA ARCHIVE DOCUMENT

<b>COMPANY</b>	Appalachian Power Company	Appalachian Power Company
<b>PLANT</b>	Clinch River	Clinch River
<b>ASH MANAGEMENT UNIT</b>	Bottom Ash Pond 1A/1B	Bottom Ash Pond 2
<b>QUESTION 1</b>		
Dam Hazard Rating	Low	Low
Who Established Rating	VA DCR	VA DCR
Basis for Rating	Health Hazard	Health Hazard
No Rating Assigned	N/A	N/A
<b>QUESTION 2</b>		
Year Commissioned	1964	1964
Year(s) Expanded	Modified 1971	Placed out of service in 1998, closure plan submitted for regulatory approval in 2009
<b>QUESTION 3 - Mark all that apply</b>		
Fly Ash	X	X
Bottom Ash	X	X
Boiler Slag		
Flue Gas Emission Control Residuals		
Other (Specify)		
<b>QUESTION 4</b>		
Designed by P.E.	Not Available	Not Available
Constructed under P.E. Supervision	Not Available	Not Available
Inspection/monitoring under P.E. Supervision	Yes	Yes
<b>QUESTION 5</b>		
Date of Last Company Safety Assessment	1/7/2009	9/10/2003; Slope stability, liquefaction, and settlement analyses performed in 2008 as part of final closure design
Describe Evaluator's Credentials	VA P.E.	VA P.E.
Describe Past Followup Corrective Actions	Routine maintenance, Enhance seepage control	Routine maintenance
Describe Credentials of Corrective Action Implementers	Subcontractor under plant supervision	Under plant supervision
Describe Planned Followup Actions	1A -- reassess stability of dike. 1B -- Continue seepage control implementation on D/S slope. Routine maintenance(1A & 1B)	Routine maintenance
Date of Next Safety Assessment	2010	None (no free water in reservoir)
<b>QUESTION 6</b>		
Date of Last Regulatory Safety Inspection	3/19/2008	3/19/2008
Agency Name	Va DCR	Va DCR
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
<b>QUESTION 7</b>		
Safety Issues from Regulatory Inspections w/in Past Year	N/A	N/A
Corrective Actions	N/A	N/A
Documentation Included	N/A	N/A
<b>QUESTION 8</b>		
Surface Area (acres)	45 acres - This pond complex consists of a single pond (based on regulation under dam safety rules) which has been subdivided into two cells.	No active impounding water area. No ash is currently sluiced to this inactive pond. A closure plan has been submitted to VDEQ for approval.
Total Storage Capacity	1,240 acre-ft	1,332 acre-ft
Volume Currently Stored	Variable - ash is routinely removed for use or disposal in dry landfill	1,332 acre-ft (estimated)
Date of Volume Measurement	N/A	N/A
Maximum Height (feet)	55	73
<b>QUESTION 9</b>		
Spills or Unpermitted Release History (10 Years)	No	No
<b>QUESTION 10</b>		
All legal owner(s) and operator(s)	Appalachian Power Company	Appalachian Power Company