

Annual Inspection Report for Existing CCR Surface Impoundment

Reference: 40 CFR Section 257.83, Inspection Requirements for CCR Surface Impoundments

Owner Information

Name of Dam:	Bremo East Ash Pond Dam	
Owner's Name:	Virginia Electric and Power Company	
State ID #:	DCR Inventory #00815	
Owner Contact:	Taylor Engen 434-842-4104	
Dam Location:	Bremo Bluff, Virginia	

Engineer Information

Name and Virginia Lic	ense Number:	Daniel McGrath 040703
Firm Name:	Golder Associates Inc	
Firm Address:	2108 W. Laburnum Ave, Suite 200, Richmond, VA 23227	
Telephone No.:	804-358-7900	

Certification Statement

I certify that the inspection of the above listed CCR surface impoundment was conducted in conformance with the requirements listed in 40 CFR 257.83, and with generally accepted good engineering practices.



Engineer seal, signature and date

As used herein, the word certify shall mean an expression of the Engineer's professional opinion to the best of his or her information, knowledge and belief, and does not constitute a warranty or guarantee by the Engineer



Was a review performed of available information regarding the status of the CCR unit, including files in the operating record?

Was a visual inspection performed (i) to identify signs of stress or malfunction of the CCR unit and appertenant structures, and (ii) of all hydraulic structures underlying the base or passing through the dike of the CCR unit for structural integrity and safe and reliable operation?

Identify any changes in the geometry of the impounding structure since the previous annual inspection.

CCR removal is in progress	. Excavation was approximately	y 30% complete at time of visit.
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Verify the type, location, and condition of existing instrumentation (e.g. flow meter or staff gauge). Document the maximum recorded readings of each instrument since the previous annual inspection.

No flow or water level instrumentation.

List the minimum, maximum, and present depth and elevation of impounded water and CCR since the previous annual inspection.

Minimum Depth (ft)	8.0	Maximum Depth (ft)	53.0	Present Depth (ft)	varies*
Minimum Elev. (Ft)	204.0	Maximum Elev. (ft)	249.0	Present Elev. (ft)	varies*

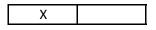
*NOTE: THE BOTTOM SURFACE TOPOGRAPHY VARIES IN ELEVATION ACROSS ITS FOOTPRINT

Present Storage Capacity:	1,116**	Ac - Ft.	
	**Computed storage capac	ity based on historical topo a	nd design grades
Present volume of the impounde	d water and CCR:	775	Ac - Ft.
Identify any appearances of an ad	•		

Identify any appearances of an actual or potential structural weakness of the CCR unit or existing conditions that are disrupting or have the potential to disrupt the operation and safety of the CCR unit and appertenant structures.

Identify any changes that may have affected the stability or operation of the impounding structure since the previous annual inspection.

None observed. CCR removal is in progress and the unit is no longer in operation.





Date of Inspection:	6/23/2017	
Facility:	Bremo East Ash Pond	

Additional comments

The Bremo East Ash Pond meets the definition of an inactive surface impoundment under 40CFR 257.53 of the "Standards for the Disposal of Coal Combustion Residuals (CCR) in Landfills and Surface Impoundments". The East Ash Pond no longer receives CCRs and at the time of my visit CCR removal by excavation was ongoing.