



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

**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: Bremono 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: Bremono Bluff, Virginia

**Engineer Information**

Name and Virginia License 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



Date of Inspection:   
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	Yes	No
Was a review performed of available information regarding the status of the CCR unit, including files in the operating record?	X	

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

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.

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

Minimum Depth (ft)	<input type="text" value="8.0"/>	Maximum Depth (ft)	<input type="text" value="53.0"/>	Present Depth (ft)	<input type="text" value="varies*"/>
Minimum Elev. (Ft)	<input type="text" value="204.0"/>	Maximum Elev. (ft)	<input type="text" value="249.0"/>	Present Elev. (ft)	<input type="text" value="varies*"/>

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

Present Storage Capacity:  Ac - Ft.  
 \*\*Computed storage capacity based on historical topo and design grades

Present volume of the impounded water and CCR:  Ac - Ft.

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.



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Additional comments

The Bremono 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.