

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: Chesapeake Energy Center (CEC) Bottom Ash Pond
Owner's Name: Virginia Electric and Power Company d.b.a. Dominion Energy Virginia
State ID #: DCR Inventory #550002, VPDES # VA0004081
Owner Contact: Warren Deal 757-558-5411
Dam Location: Chesapeake, Virginia

Engineer Information

Name and Virginia License Number: Andrew North 053724
Firm Name: Golder Associates USA 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

	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="0"/>	Maximum Depth (ft)	<input type="text" value="11.5"/>	Present Depth (ft)	<input type="text" value="varies*"/>
Minimum Elev. (Ft)	<input type="text" value="9.0"/>	Maximum Elev. (ft)	<input type="text" value="20.5"/>	Present Elev. (ft)	<input type="text" value="varies*"/>

***NOTE: CCR SURFACE TOPOGRAPHY VARIES BETWEEN THE MIN AND MAX**

Present Storage Capacity: Ac - Ft.

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.

Additional comments

The CEC Bottom 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 Bottom Ash Pond no longer receives CCRs and at the time of my visit contained no standing water. Engineering and site characterization work is ongoing to support the required closure by removal of CCR pursuant to § 10.1-1402.03 of the Code of Virginia. Piezometers installed in the BA Pond were installed to monitor levels during the beneficial reuse excavation of the Pond. Excavation activities have ceased and therefore CCR Instrumentation Monitoring is not currently necessary.