



**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:	Possum Point Ash Pond E Dam
Owner's Name:	Virginia Electric and Power Company d.b.a. Dominion Energy Virginia
State ID #:	DCR Inventory #153021
Owner Contact:	Jeff Marcell 703-441-3813
Dam Location:	Dumfries, 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



	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 appurtenant 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	
---	---	--

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

CCR removal and overexcavation is complete. A small sump remains in the SW corner from which accumulated non-contact stormwater is pumped to Pond D.

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)	3.0	Maximum Depth (ft)	6.0	Present Depth (ft)	3.0
Minimum Elev. (Ft)	-3.0	Maximum Elev. (ft)	0.0	Present Elev. (ft)	-3.0

**(WATER ONLY, NO CCR OBSERVED)**

Present Storage Capacity: 680.0 Ac - Ft.

Present volume of the impounded water: 1.0 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 appurtenant structures.

None observed.

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

The design crest width has been reduced in some sections by the CCR excavation activity; however, the embankment appears stable and no impacts to operation were noted.



GOLDER

Date of Inspection: 5/21/2019

Facility: Possum Point Pond E

Additional comments

Ash Pond E 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". Pond E no longer receives CCRs, all CCRs have been removed, 6-inch overexcavation is complete, and at the time of my visit had a small volume of standing stormwater.