



Date of Inspection: 10/12/2017
Facility: Bremono North 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 Power Station North Ash Pond Dam
Owner's Name: Dominion Energy Virginia d.b.a. Virginia Electric and Power Company
State ID #: DCR Inventory #00815
Owner Contact: Rick Woolard 434-581-6225
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:

Facility:

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

Yes	No
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.

CCR filling is in progress. Geomembrane rain cover partially installed on CCR within pond.

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.

Groundwater wells MW-33, MW-34 and MW-35 observed and in good condition.
Slope indicators GZ-11 and GZ-12 observed and in good condition

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

Minimum Depth (ft)	20.0	Maximum Depth (ft)	120.0	Present Depth (ft)	varies
Minimum Elev. (Ft)	313.0	Maximum Elev. (ft)	390.0	Present Elev. (ft)	varies

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.

None observed.

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

None observed.



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Additional comments

The Bremono North Ash Pond meets the definition of an active surface impoundment under 40CFR 257.53 of the "Standards for the Disposal of Coal Combustion Residuals (CCR) in Landfills and Surface Impoundments". The North Ash Pond receives CCRs from the East Pond excavation, and at the time of my visit the fill activity was ongoing and the pond had a small volume of standing stormwater.