

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 Power Station East Ash Pond Dam
Owner's Name: Virginia Electric and Power Company d.b.a. Dominion Energy Virginia
State ID #: DCR Inventory #065019
Owner Contact: W. Alan Leatherwood (434) 390-3256
Dam Location: Bremo Bluff, 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



Date of Inspection:
 Facility:

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

None observed.

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.

A digital staff gauge was made operational in September 2020 and is monitored remotely. Water levels are taken automatically on an hourly basis. Highest water level of 212.51 recorded on 6/15/2022.

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

Water level in pond:

Minimum Depth (ft)	16.5	Maximum Depth (ft)	18.5	Present Depth (ft)	varies*
Minimum Elev. (Ft)	210.5	Maximum Elev. (ft)	212.5	Present Elev. (ft)	212.0

***NOTE: BOTTOM SURFACE TOPOGRAPHY VARIES IN ELEVATION ACROSS POND FOOTPRINT**

CCR level in Pond:

Minimum Depth (ft)	-	Maximum Depth (ft)	-	Present Depth (ft)	-
Minimum Elev. (Ft)	N/A*	Maximum Elev. (ft)	N/A*	Present Elev. (ft)	N/A*

***NOTE: CCR REMOVED FROM POND AND OVEREXCAVATION COMPLETE AS OF MARCH 2019**

Maximum Storage Capacity: Ac - Ft.

Present volume of the impounded water:	159.7	Ac - Ft.
Present volume of the impounded CCR:	-	Ac - Ft.
Present volume, total	159.7	Ac - Ft.



Date of Inspection: 6/16/2022
Facility: Bremono East Ash Pond

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.

None observed.

Additional comments

The East Pond no longer receives CCRs. All CCR has been removed, 6-inch over excavation of soil has been completed, and verified by Virginia DEQ in October 2019. Dominion continues to comply with the CCR rule and treat the pond as a CCR unit due to groundwater monitoring results that prevent the full closure of the unit. At the time of my visit the East Pond was functioning as a stormwater retention pond.