



Date of Inspection: 5/25/2023  
Facility: Bremono West Pond

**Annual Inspection Report for Existing CCR Surface Impoundment**

Reference: 40 CFR Section 257.83, *Inspection Requirements for CCR Surface Impoundments*

**Owner Information**

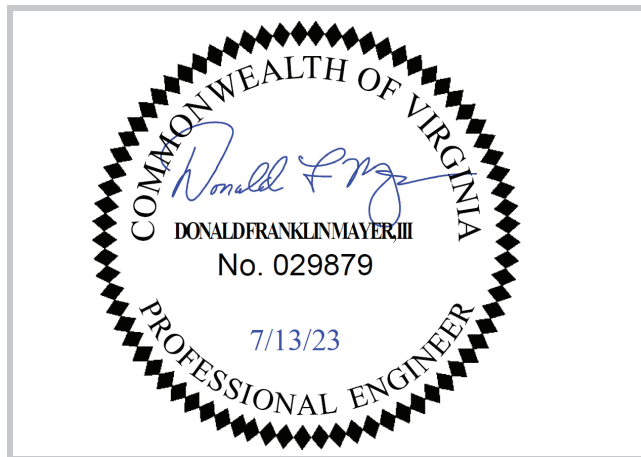
Name of Dam: Bremono Power Station West Pond Dam  
Owner's Name: Virginia Electric and Power Company d.b.a. Dominion Energy Virginia  
State ID #: DCR Inventory #065011  
Owner Contact: W. Alan Leatherwood (434) 390-3256  
Dam Location: Bremono Bluff, Virginia

**Engineer Information**

Name and Virginia License Number: Donald Mayer 029879  
Firm Name: WSP USA Inc. (fka Golder Associates)  
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



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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 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.

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.

Water level in pond:

Minimum Depth (ft)	20.9	Maximum Depth (ft)	22.7	Present Depth (ft)	varies*
Minimum Elev. (Ft)	220.9	Maximum Elev. (ft)	222.7	Present Elev. (ft)	222.6

**\*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 JANUARY 2020**

Maximum Storage Capacity:  Ac - Ft.

Present volume of the impounded water:	234.0	Ac - Ft.
Present volume of the impounded CCR:	-	Ac - Ft.
Present volume, total	234.0	Ac - Ft.



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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 West 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 April 2020. Federal CCR Rule assessment groundwater monitoring continues to show that concentrations remain below groundwater protection standards. As a result, Dominion Energy intends to close the unit under Federal CCR Rule coverage in accordance with 40 CFR §257.102(c). At the time of my visit the West Pond was functioning as an influent storage pond for station source waters.