



Date of Inspection: 6/5/2024
 Facility: Bremo West Pond

Annual Inspection Report for Existing CCR Surface Impoundment
 Reference: 40 CFR Section 257.83, *Inspection Requirements for CCR Surface Impoundments*

Owner Information

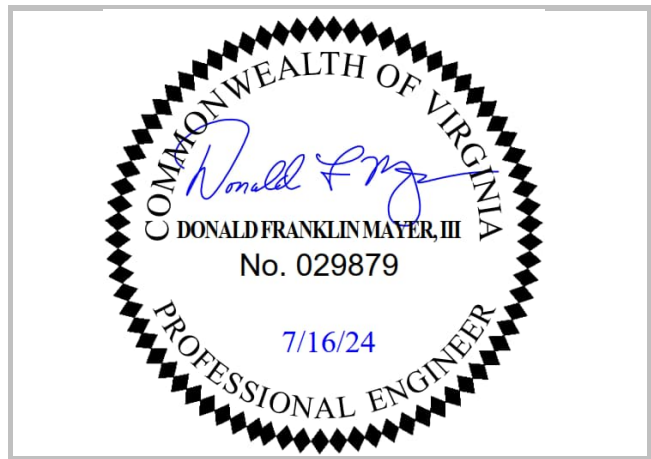
Name of Dam: Bremo Power Station West Pond Dam
 Owner's Name: Virginia Electric and Power Company d.b.a. Dominion Energy Virginia
 State ID #: DCR Inventory #065011
 Owner Contact: W. Alan Leatherwood (434) 390-3256
 Dam Location: Bremo Bluff, Virginia

Engineer Information

Name and Virginia License Number: Donald Mayer 029879
 Firm Name: WSP USA Inc. (fka Golder Associates)
 Firm Address: 1100 Boulders Parkway, Suite 503, Richmond, VA 23225
 Telephone No.: 804-355-2067

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) <input style="width: 60px;" type="text" value="22.4"/>	Maximum Depth (ft) <input style="width: 60px;" type="text" value="25.8"/>	Present Depth (ft) <input style="width: 60px;" type="text" value="25.6"/>
Minimum Elev. (Ft) <input style="width: 60px;" type="text" value="222.4"/>	Maximum Elev. (ft) <input style="width: 60px;" type="text" value="225.8"/>	Present Elev. (ft) <input style="width: 60px;" type="text" value="225.6"/>

CCR level in Pond:

Minimum Depth (ft) <input style="width: 60px;" type="text" value="-"/>	Maximum Depth (ft) <input style="width: 60px;" type="text" value="-"/>	Present Depth (ft) <input style="width: 60px;" type="text" value="-"/>
Minimum Elev. (Ft) <input style="width: 60px;" type="text" value="N/A*"/>	Maximum Elev. (ft) <input style="width: 60px;" type="text" value="N/A*"/>	Present Elev. (ft) <input style="width: 60px;" type="text" value="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:	<input style="width: 60px;" type="text" value="276.4"/> Ac - Ft.
Present volume of the impounded CCR:	<input style="width: 60px;" type="text" value="-"/> Ac - Ft.
Present volume, total	<input style="width: 60px;" type="text" value="276.4"/> 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 and all CCR has been removed, including a minimum 6-inch over excavation of soil, that was completed and verified by Virginia DEQ in April 2020. Federal CCR Rule assessment groundwater monitoring continues to show that all Appendix IV constituent concentrations remain below applicable groundwater protection standards. As a result, Dominion Energy closed the unit in November 2023 under Federal CCR Rule coverage in accordance with 40 CFR §257.102(c). This report will be the final PE inspection documentation for this unit under the CCR Rule. At the time of our visit the West Pond was functioning as an influent storage pond for station source waters.