



Date of Inspection: 8/8/2016
 Facility: Brema 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 Unit: Brema Power Station North Ash Pond Dam
 Owner's Name: Dominion Virginia Electric Power Company, d.b.a Dominion
 State ID #: Solid Waste Permit #618
 Owner Contact: Mike Winters, P.E. 804-273-2376
 Unit Location: 1038 Brema Road, Brema Bluff, VA

Engineer Information

Name and Virginia License Number: Daniel McGrath, P.E. 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



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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 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 | |
|---|--|

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.

Observed Piezometers P1 and P2 and Observation Wells W1, W2, and W3. All observed intact 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) | 90 | Maximum Depth (ft) | 99.3 | Present Depth (ft) | 90 |
| Minimum Elev. (Ft) | 320 | Maximum Elev. (ft) | 329.3 | Present Elev. (ft) | 320 |

Note: Material depths / elevations are as calculated in the vicinity of the intake tower structure

Present Storage Capacity: 4,300 Ac - Ft.

Present volume of the impounded water and CCR: 2,324 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

Outlet pipe from intake tower has been plugged to prevent discharge. Construction contractor is responsible for pumping accumulated water out the the intake tower on a regular basis.

Accumulated water in pond is pumped to the on-site treatment system.

Recommend that embankments be mowed.