Date of Inspection: 12/15/2016

Facility: Chesterfield Upper Pond

Annual Inspection Report for Existing CCR Surface Impoundment

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

Owner Information

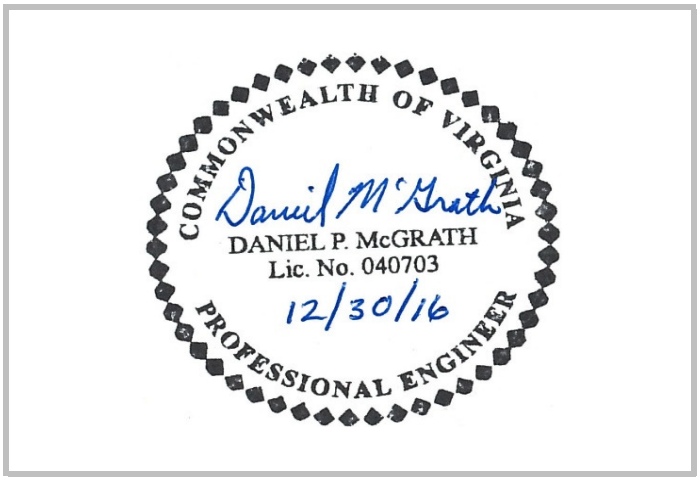
Name of Dam:	Chesterfield Power Station Dam
Owner's Name:	Dominion
State ID #:	DCR Inventory # 04145, VPDES # VA0004146
Owner Contact:	Beverly Wood, Supervisor - Environmental
Dam Location:	Chester, VA

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: 12/15/2016

Facility: Chesterfield Upper Pond

	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 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.

Operations contractor continues to fill upper portions of Cells 3 and 4 in anticipation of final closure plan grading.

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.

Weir flowmeter, not tied to elevation. Max flow 5.25 MGD

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

Water level in sediment pond

Minimum Depth (ft)	2.5	Maximum Depth (ft)	4.5	Present Depth (ft)	3.4
Minimum Elev. (Ft)	28.5	Maximum Elev. (ft)	30.5	Present Elev. (ft)	29.4

CCR level

Minimum Depth (ft)	82.5	Maximum Depth (ft)	99.5	Present Depth (ft)	99.5
Minimum Elev. (Ft)	85	Maximum Elev. (ft)	102	Present Elev. (ft)	102

Maximum Storage Capacity: 9,017 Ac - Ft.

Present volume of the impounded water:	17	Ac - Ft.
Present volume of the impounded CCR:	6,801	Ac - Ft.
Present volume, total	6,818	Ac - Ft.

Date of Inspection: 12/15/2016

Facility: Chesterfield Upper 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 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

Additional comments

None.