



Dominion ANNUAL EXISTING CCR SURFACE IMPOUNDMENT INSPECTION REPORT

Facility Inspected	<input checked="" type="checkbox"/> Chesterfield Lower Pond	<input type="checkbox"/> Chesterfield Upper Pond
	Date of Inspection June 12, 2015 & Nov. 23, 2015	

Inspected By	Michael J. Winters		
Professional Engineer	Michael J. Winters	Virginia PE Registration Number	033623

Professional Engineer 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 Section 257.83, *Inspection Requirements for CCR Surface Impoundments* and with generally accepted good engineering practices.

Print Name:	Michael J. Winters	Title:	Engineer III
Signature:		Date:	4/13/16

Place Stamp Here





Inspection Results – Chesterfield Lower Pond

	Yes	No
Was a review performed of available information regarding the status and condition of the CCR unit, including files in the operating record?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

	Yes	No
Was a visual inspection of the 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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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 and staff gauge). Document the maximum recorded readings of each instrument since the previous annual inspection.

Weir flow depth meter at outflow. Not tied to elevation bench mark; therefore, not useful to measure water elevation.

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

Minimum Depth (ft)	estimated Water: 14.5 CCR: 15	Maximum Depth (ft)	estimated Water: 15 CCR: 15	Present Depth (ft)	Water: 14.7 CCR: 15
Minimum Elevation (ft)	estimated Water: 17 CCR: 15	Maximum Elevation (ft)	estimated Water: 17.5 CCR: 15	Present Elevation (ft)	Water: 17.2 CCR: 15
Present Storage Capacity (cubic yards)	2,783,000		Present volume of the impounded water and CCR (cubic yards)	Water: 447,500 CCR: 2,335,500	



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

None.