




# ANNUAL EXISTING CCR SURFACE IMPOUNDMENT INSPECTION REPORT

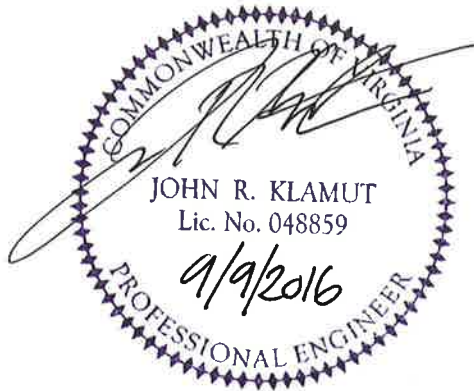
<b>Facility Inspected</b>	Dominion Possum Point Power Station CCR Surface Impoundment D		
<b>Date of Inspection</b>	August 18, 2016 and August 30, 2016		
<b>Inspected By</b>	Ron Harris and John R. Klamut		
<b>Professional Engineer</b>	John R. Klamut, P.E.	<b>Virginia PE Registration Number</b>	048859

### 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 all generally accepted good engineering practices. \*\*

<b>Print Name:</b>	John R. Klamut, P.E.	<b>Title:</b>	Engineering Manager
<b>Signature:</b>		<b>Date:</b>	9/9/2016

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### Inspection Results – Possum Point Pond D

	Yes	No
Was a review performed of available information regarding the status and condition of the CCR unit, including files in the operating record?	X	
	Yes	No
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	

**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.**

Observation Wells W-1 through W-5 and Piezometers P-1 through P-3 are located along the embankment crest and by the downstream toe of the embankment and were observed to be in good condition.

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

<b>Minimum Depth (ft)</b>	Estimated Water: 12 CCR: 80	<b>Maximum Depth (ft)</b>	Estimated Water: 20 CCR: 80	<b>Present Depth (ft)</b>	Estimated Water: 16 CCR: 80
<b>Minimum Elevation (ft)</b>	Estimated Water: 102 CCR: 90	<b>Maximum Elevation (ft)</b>	Estimated Water: 110 CCR: 90	<b>Present Elevation (ft)</b>	Estimated Water: 106 CCR: 90
<b>Present Storage Capacity</b>	6,175,000 cy		<b>Present volume of the impounded water and CCR</b>	Estimated Water: 540,000 cy CCR: 3,440,000 cy	



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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**

Comparisons to previous annual inspections are based on a review of previous state inspection reports.