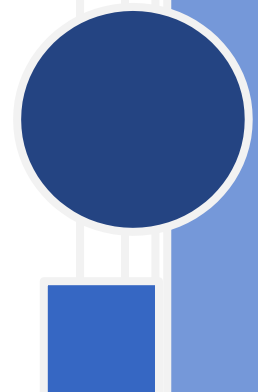




# **ANNUAL CCR FUGITIVE DUST CONTROL REPORT**

Virginia Electric and Power Company  
Chesterfield Power Station  
500 Coxendale Road  
Chester, Virginia 23836

December 15, 2024



## Purpose

The Annual Coal Combustion Residuals (CCR) Fugitive Dust Control Report is produced by Virginia Electric and Power Company d/b/a Dominion Energy Virginia to comply with 40 CFR 257.80(c). This report documents actions to control fugitive dust during the annual period from October 15, 2023 to October 14, 2024.

## Description of Fugitive Dust Controls

The Chesterfield Power Station employs industry accepted practices for controlling CCR fugitive dust from its operations at the Lower Ash Pond, Upper Ash Pond, Bottom Ash Management area, Beneficial Use Loadout Facility, FFCP Management Facility, and FGD management areas including the following:

Fugitive Dust Control Practice	Description
Conditioning of CCR	CCR materials are conditioned with water prior to loading into trucks for transport.
Truck tarps	All loaded haul trucks are covered with tarps prior to transport.
Speed limits	Speed limits are strictly enforced to minimize dust generation from truck travel.
Water spray of roads	Roads are sprayed routinely to minimize dust from operations and weather.
Road sweeping/scraping	Spilled or tracked CCR is promptly swept or scraped to remove from road or operating area.
Compaction	CCRs placed in the landfill are compacted throughout the daily operations to limit loose materials.
Wheel Wash Stations	Wheel Wash Stations are available throughout the facility to remove dirt and CCR prior to trucks entering paved roads. Inspections and maintenance logs are kept on site.
Drop distance of the conveyors	Minimizing the drop distance of the stacking conveyors will minimize the potential to generate fugitive emissions from material discharge.
Stockpile covering	Covering or maintaining the stockpile(s) within a partial enclosure will essentially eliminate wind generated emissions from it.
Fabric Filtration system	The BU Loadout Facility building is ventilated throughout with at least two fabric filtration systems in use during normal operation to minimize fugitive dust emissions.
Soil cover of inactive areas	Active areas that become inactive for extended periods of time are covered with intermediate soil cover.
FGD storage area enclosures	FGD is stored under a covered structure prior to offsite beneficial use.

### **Citizen Complaints**

Two citizen complaints were received during the annual period covered by this report. The reports are included in Appendix A.

### **Corrective Actions**

The CCR fugitive dust controls were evaluated for high wind gust periods and excavation and hauling activities are stopped when those conditions are identified. The frequency of CCR material conditioning has been increased during all operational periods.

# **Appendix A:**

## Citizen Complaint Records

**Attachment 1**  
**Fugitive Dust Complaint Form**

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**FUGITIVE DUST COMPLAINT FORM**  
Chesterfield Power Station

Date: 3/21/2024 Compliant Response? Y

Time: 1038 Reference: Email

Surveyor: Charles Grant (Public)

Weather Conditions: Sunny; Wind speed averaged 8.6 mph with gusts of up to 36 mph

Temperature: Low of 41F and High of 71F

Approximate Location / Distribution of Dust: Upper and Lower CCR ponds; blowing NE

Dust Description: Fine particles became airborne during periods of high wind gusts

Suspected Source: CCR and soil from areas of construction

Actions Taken: Excavation and hauling activities were stopped; continued to apply water via water trucks on open CCR areas

Additional Comments: Project is evaluating alternative options for high wind events including methods to deploy water in more efficient manner

**Attachment 1**  
**Fugitive Dust Complaint Form**

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(Page 2 of 2)

**Contact Information**

Date/Time: 3/21/2024 @ 1038

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Name: Charles Grant

Telephone: [REDACTED]

Address: [REDACTED]

email: [REDACTED]

[REDACTED]

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Maintain this form in the operating record for 1 year from date of survey

**Attachment 1**  
**Fugitive Dust Complaint Form**

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(Page 1 of 2)

**FUGITIVE DUST COMPLAINT FORM**  
Chesterfield Power Station

Date: 5/3/2024

Compliant Response? N/A

Time: 1540

Reference: DEQ incident report from citizen  
VDEM-2024-05-03-0016

Surveyor: Maryanne Williams

Weather Conditions: at 1500 80 degrees F Sunny wind 11mph gusts up to 22mph

Temperature: Low of 59F and High of 90F

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Approximate Location / Distribution of Dust: Upper Ash Pond; blowing North

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Dust Description: Fine particles became airborne during periods of high wind gusts

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Suspected Source: CCR and soil from areas of construction

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Actions Taken: Excavation and hauling activities were stopped; continued to apply water via  
water trucks on open CCR areas

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Additional Comments: Dominion was notified of this complaint on 5/7/2024 (DEQ provided  
report is attached)

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**Attachment 1**  
**Fugitive Dust Complaint Form**

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(Page 2 of 2)

**Contact Information**

Date/Time: 5/3/2024 @ 1540

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Name: Maryanne Williams

Telephone: ██████████

Address: unknown

email: unknown

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Maintain this form in the operating record for 1 year from date of survey



# HazMat Incident

## HazMat Incident

<b>Initial Date/Time:</b>	05/03/2024 15:50:00	<b>State Mission Number:</b>	VDEM-2024-05-03-0016
<b>SAU Analyst:</b>	Sidney Holland		
<b>Hazard Class:</b>	Class 9 - Miscellaneous	<b>Mode Facility:</b>	05 Air
<b>Jurisdiction:</b>	Chesterfield County	<b>Facility Name:</b>	Chesterfield Power Station
<b>Incident Address:</b>	Coxendale Rd, Chester, VA 23836	<b>Origin:</b>	Private Citizen
<b>Latitude / Longitude:</b>	37.378740 / -77.383680	<b>Callback Number:</b>	██████████
<b>VDEM Region:</b>	Region 1	<b>OIC On Scene:</b>	
<b>Caller Name:</b>	Maryanne Williams	<b>Incident Date:</b>	05/03/2024
<b>Contact Name:</b>	Maryanne Williams	<b>Incident Time:</b>	15:40

## Incident Details

### Details

Per private citizen Maryanne Williams ██████████ reported concerns of dust clouds around Henricus historical park coming from the Dominion Dutch Gap plant, could possibly be referring to the Chesterfield Power Station located at Coxendale Rd, Chester, VA 23836. Caller reports concerns of ash remediation projects and potential coal burning operating with no dust control next to the park. Caller also has concerns for groundwater. No VDEM assistance is requested.

<b>EHS:</b>		<b>NRC #:</b>	N/A
<b>Water Affected:</b>	<input type="button" value="Yes"/> <input type="button" value="No"/>	<b>Which Water:</b>	potential groundwater
<b>Fish Kill:</b>	<input type="button" value="Yes"/> <input checked="" type="button" value="No"/>	<b>DEQ Notified:</b>	<input checked="" type="button" value="Yes"/> <input type="button" value="No"/>
<b>DEQ Office:</b>	PRO	<b>DEQ On Scene:</b>	<input type="button" value="Yes"/> <input checked="" type="button" value="No"/>

## Product(s) Involved

Product	UN #	Quantity	Quantity Type
coal ashe			Unknown

## Incident Information

<b>Container Type:</b>	Unknown	<b>Other Specify:</b>	
<b>Evacuation:</b>	<input type="button" value="Yes"/> <input checked="" type="button" value="No"/>	<b>Distance:</b>	
<b>Injuries:</b>	<input type="button" value="Yes"/> <input checked="" type="button" value="No"/>	<b>How Many:</b>	
<b>RHMO 1:</b>	Paxton	<b>Actions:</b>	Notification Only
<b>RHMO 2:</b>		<b>Actions:</b>	
<b>Time Out:</b>		<b>In Service:</b>	
<b>Time On Scene:</b>			
<b>Regional Team(s) Responding:</b>		<b>Time Notified:</b>	
<b>Regional Team(s) Responding:</b>		<b>Time Notified:</b>	

## Notifications

		Initial Date/Time Notified	Acknowledged	Initial Date/Time Emailed
<b>RHMO 1:</b>	Paxton	05/03/2024 15:49	Yes	05/03/2024 16:05
<b>RHMO 2:</b>				
<b>DEQ Duty Officer:</b>	PRO	05/03/2024 15:49	Yes	05/03/2024 16:05
<b>VHD ODW:</b>	Yes	05/03/2024 15:49	Yes	05/03/2024 16:05
<b>VEST Team Lead:</b>				
<b>VEST Ops Chief:</b>				
<b>Regional Support Div. Dir. East:</b>				
<b>Regional Support Div. Dir. West:</b>				
<b>On Call Regional Support:</b>				
<b>Response &amp; Recovery Div. Dir.:</b>				
<b>Special Ops Branch Chief:</b>				
<b>HazMat Programs Chief:</b>				
<b>Regional Support East &amp; West Group:</b>				
<b>VDEM Field Response Group:</b>				
<b>RAD Shipment Group:</b>				
<b>USCG MSO:</b>				
<b>Virginia Fusion Center:</b>				
<b>VDACS:</b>				
<b>Other:</b>				

## Action Taken

### History

1605 - Emailed RHMO Paxton, DEQ PRO, and VDH ODW.  
Sidney Holland as Situational Awareness Unit at 15:50:02 on 05/03/2024

## Report Status

### Incident Closed:

Yes

No

## Attachments

Attachment

Description