

Chesterfield Power Station – CCR Surface Impoundments Closure by Removal

Public Informational Meeting and Hearing

- 6:00 p.m.** Welcome, introductions, and background
- 6:10 p.m.** Presentations on DEQ permitting processes
- 6:20 p.m.** Questions & answers
- 6:50 p.m.** End Public Meeting
- 7:00 p.m.** Public Hearing



Public Meeting

Chesterfield Power Station - CCR Surface Impoundments Closure by Removal

Jenny Poland
Solid Waste Permit Coordinator
Virginia Department of Environmental Quality
June 10, 2025

Background

- Two surface impoundments (ponds) managed sluiced (or wet) coal combustion residuals (CCR)
 - Lower Ash Pond (LAP)
 - Use 1964 – 2018
 - 111 acres
 - 2.8 million cubic yards CCR
 - Upper Ash Pond (UAP)
 - Use 1985 – 2018
 - 113 acres
 - 11.8 million cubic yards CCR



Background (cont.)

- Ponds operated under Virginia Pollutant Discharge Elimination System (VPDES) Permit VA0004146
- Groundwater monitoring under CCR Rule began in October 2016
- Slurry wall installed along Lower Ash Pond - 2022
- Ash removal from the ponds began in March 2022



Regulations

July 2015

- EPA CCR Rule becomes effective
- 40 CFR 257 Subpart D

Jan. 2016

- EPA CCR Rule incorporated into Virginia Solid Waste Management Regulations
- 9VAC20-81

March 2019

- Virginia Legislature mandated closure by removal of CCR units in Chesapeake Bay Watershed
- §10.1-1402.03 Virginia Waste Management Act

Regulatory Requirements

§10.1-1402.03 of the Virginia Waste Management Act

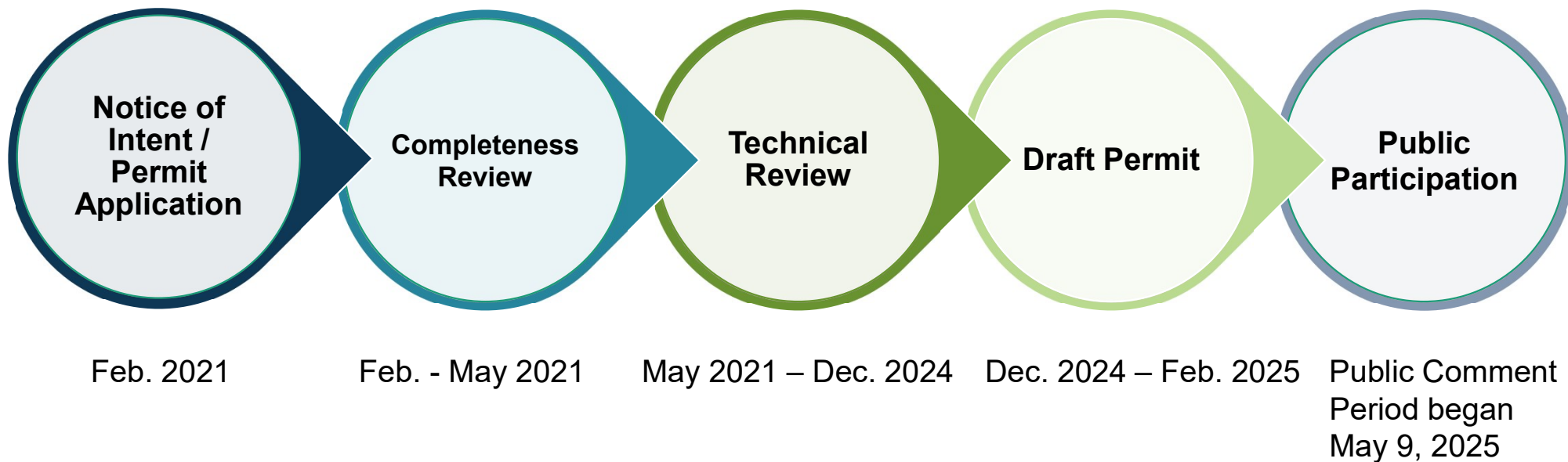
- Applicable to CCR units located in Chesapeake Bay watershed at Bremo Power Station, Chesapeake Energy Center, Chesterfield Power Station, and Possum Point Power Station
- Closure by removal for CCR units which ceased accepting CCR prior to July 1, 2019
- Encapsulated beneficial use or disposal in a permitted landfill
- Complete closure within 15 years after initiation
- Provide connection to municipal water supply, or water testing for any residence within 1/2 mile of CCR unit

Solid Waste Permit Requirements for Closure by Removal

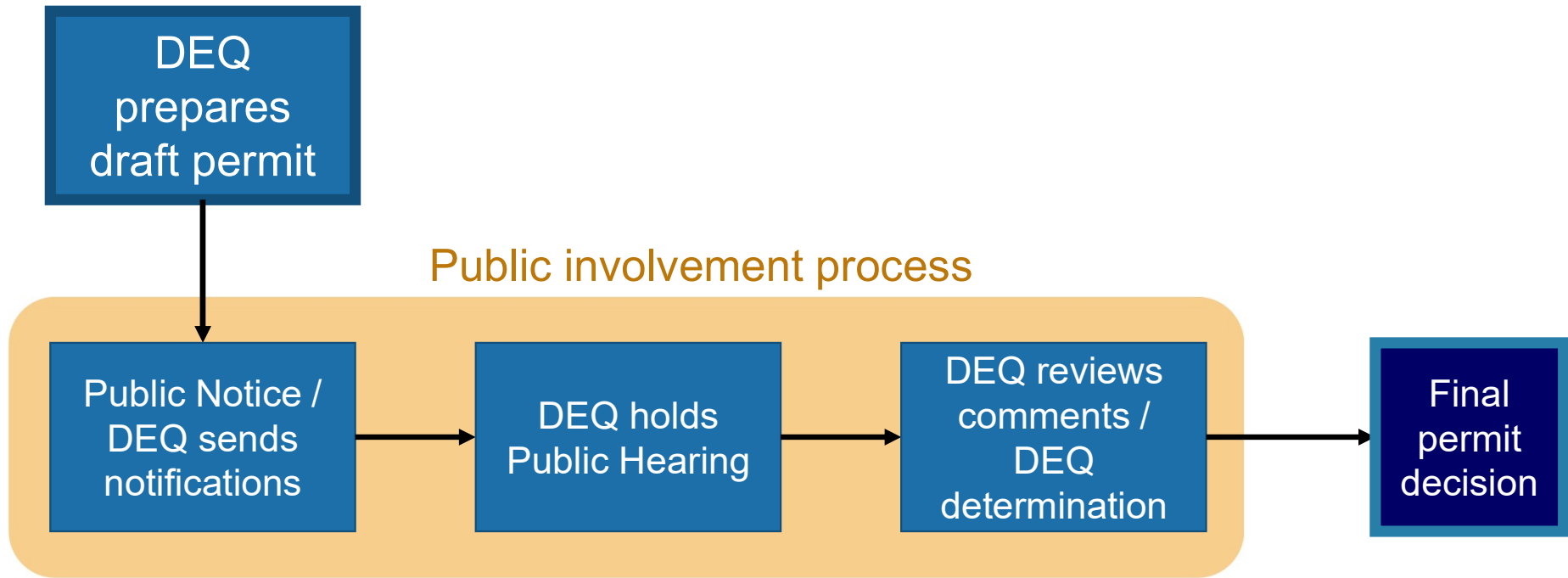
- Removal of CCR and over-excavate by approx. 6 inches
- Groundwater and surface water monitoring during excavation
- Professional Engineer certifies removal of CCR
- Groundwater monitoring - min. 10 sampling events after removal of CCR
- Groundwater monitoring does not exceed maximum contaminant levels or groundwater protection standards for any CCR constituents.



Solid Waste Permitting (SWP) Process



SWP: Public Participation & Application Final Steps



How to provide public comment:



Speak at tonight's public hearing



Email comments to:
ChesterfieldPowerStationWastePermit@deq.virginia.gov



Mail comments to: Daniel Scott
Solid Waste Permit Writer
DEQ Southwest Regional Office
355-A Deadmore Street
Abingdon, VA 24210

**Public
Comment
Period Ends
Wed.,
June 25,
2025**

Questions?

DEQ Email:

ChesterfieldPowerStationWastePermit@deq.virginia.gov

DEQ Website:

<https://www.deq.virginia.gov/permits/waste/coal/chesterfield-power-station>

Dominion Energy Website:

<https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information>

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