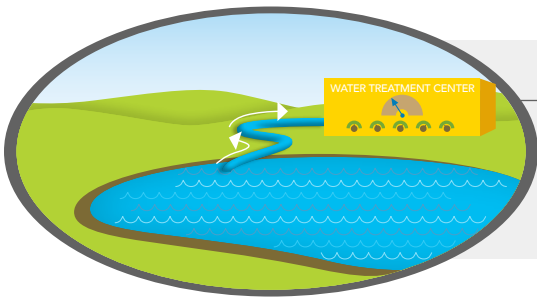


Closing ash ponds safely and permanently

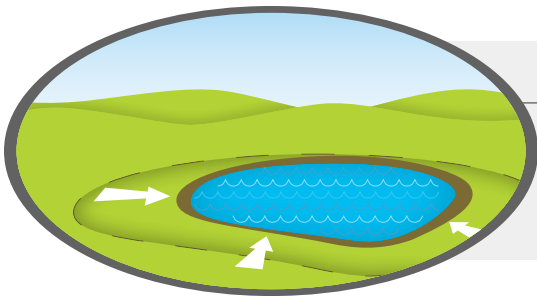
Numerous advanced engineering technologies go above and beyond closing in place.

THE CLOSURE PROCESS



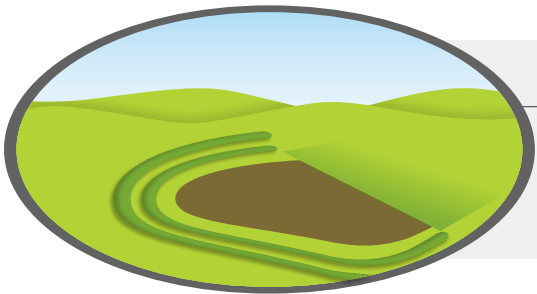
Remove water

Advanced treatment ensures the water meets environmental standards before being removed.



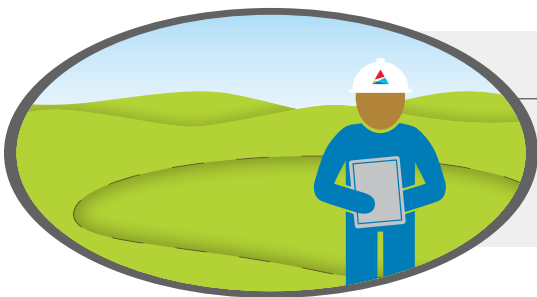
Excavate and reduce

Material is carefully excavated and moved farther away from rivers and waterways, creating protective buffers while reducing the size of each pond.



Additional protection

Using advanced engineering, additional protections, such as redundant dike systems and other structures, are being constructed for increased, robust flood protection.



Permanent closure and ongoing monitoring

Finally, a specially engineered barrier is constructed over the material to keep it safely in place. Ongoing monitoring ensures water quality around the closed site is protected.

Plant Greene County

Closing ash ponds safely and permanently

- ▶ The company is **treating and removing all water** from the pond.
- ▶ Material will be excavated and moved farther away from waterways, which creates a **buffer up to 400 yards** from the river – a distance as long as four football fields.
- ▶ The facility's size will be reduced **by approximately 268 acres, or more than half its original footprint.**
- ▶ Alabama Power is applying advanced engineering technologies to construct a **2.5-mile subsurface wall around the closed pond** to provide additional structural integrity and water quality protection. The **wall will extend 30 feet below ground** around the entire closed facility and tie into a natural chalk layer to effectively seal the material in place.
- ▶ The company is installing a **specially engineered barrier** over the material to keep it safely in place.
- ▶ **Storm water systems** will be added to manage rainwater runoff.
- ▶ Alabama Power will **monitor groundwater** around the facility for at least 30 years to ensure ongoing protection of water quality.