

ASH POND DEWATERING

Typical Wastewater Treatment System

This diagram depicts the typical wastewater treatment process that's being implemented at Georgia Power facilities. These systems are being utilized for enhanced treatment of wastewater during the dewatering process.

5. Solids Removal

Solids will be removed and disposed of at a permitted facility.

4. Clarification

Particles are removed through clarification. This is a mechanical system that slows the water down and enables settling of particles in the wastewater.

3. Flocculent Addition

Wastewater treatment chemicals are added helping particles group together to improve treatment performance.

2. pH Adjustment

pH adjustment is performed to neutralize the incoming wastewater and facilitate improved treatment.

6. Filtration

Physical filtration is performed with sand and cartridge filters. These filters are installed sequentially to provide removal of any remaining particles.

1. Equalization

Flow equalization is performed to control water volume being sent to the treatment system. This equalized flow enables consistent and efficient system operation.

7. Monitoring

Continuous effluent monitoring is performed to ensure that the discharge is protective of public health and the environment.

8. Quality Control

Any water not meeting the required standards is recycled back to the ash pond for additional treatment.

