
ACCUG TVA Cumberland Gas Plant

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Safety Moment

Staying Safe as a Pedestrian on a Construction Site

1. Use Designated Walking and Access Points: Whenever possible, walk on paths designated by the large “ACCESS” flags. If no access path is available, walk facing traffic.
2. Follow your Guide: Guides are familiar with the layout of the site and the safest places to walk. Stick close to the guides and avoid making a different path.
3. Avoid Distractions: When you are a pedestrian in a congested area it is key that you avoid distractions which could cause you to fail to notice hazards posed by traffic. Ensure that your phone is in your pocket and earbuds are not in use. If you must use your phone, find a safe place to stand while doing so.
4. Stay Alert: Watch for vehicles and be aware of signals like engine noise or backup lights.
5. Cross at Right Angles: Cross the road in the shortest time possible to minimize the chance of an encounter. Look both ways before crossing

A Region in Peril



Challenges across the Tennessee Valley:

- Poverty
- Flooding
- Poor farming
- Lagging infrastructure
- Limited economic opportunity

An Innovative National Solution



Built for the People



Our Mission

To serve the people of the
Tennessee Valley to make life better.



Delivering on Our Mission to You

Energy | Environment | Economic Development



**Provide affordable,
reliable power.**



**Steward the Valley's
natural resources.**



**Partner for
economic growth.**

Cumberland Gas

- 2x1x1 Power Blocks
- GE GT-7HA.03 Combustion Turbines Rated at 440 MW
- GE STF-D600 Steam Turbines Rated at 312 MW w/ Duct Burners
- GE Natural Circulation HRSG's
- SPG Dry Cooling W-Style Induced Draft ACC's



Cumberland Gas Air-Cooled Condensers



Cumberland Gas Air-Cooled Condensers

- Modules in 5x5 Arrangement
- Sectionalize: Streets 1, 2, and 5 can be isolated
- NCG Removal:
 - Hogging = LRVP
 - Holding = SJAE
- All Sequenced VFD Fan Control
- 113' from Grade to top of Hoist Rail
 - No elevator
- TVA's First ACC



TENNESSEE
VALLEY
AUTHORITY