



## **Asheville Fact Sheet**

### **Coal Ash:**

- When coal is burned, the noncombustible minerals remain as coal ash. This ash is similar in consistency to black sand. It contains limestone, iron, aluminum, silica, sand and clay – all materials found in the earth's crust. Coal ash is moved from the power plant to either an ash pond, where it settles, or into a dry storage system.
- The Environmental Protection Agency (EPA) has stated coal ash is a safe product and does not need federal regulation. Coal ash has been used for decades in roadbeds, structural fill, cement and concrete products, as a landfill cover and as a soil additive.
- The first major use of coal ash in concrete in the United States occurred in 1942 to repair a tunnel spillway at the Hoover Dam.
- Significant airport projects utilizing coal ash include: the Houston Intercontinental Airport, Rostravor Airport in Pennsylvania and the Central Wisconsin Airport.

### **Transportation:**

- Trucks will transport material from Progress Energy to the airport. Each truck will be weighed and tarped prior to leaving the site to guard against spillage and ensure legal weight limit of the loaded truck.
- Trucks will exit the back entrance of Progress Energy's Asheville Plant and turn right onto New Rockwood Road. At the first stop sign, the trucks will turn right onto Glenn Bridge Road (crossing under I-26) then turn left onto Pinner Road, go approximately .5 miles and turn left into the airport fill site.

### **Project Operations:**

- Transport/placement of coal ash will take place Monday through Friday from 8 a.m. to 4 p.m., and will be placed in the fill area and then graded using a bulldozer. A dedicated site manager will be stationed at the airport site to coordinate daily activities of Charah, Inc.
- Approximately 650,000 cubic yards of coal ash will be used as structural fill. Use of the fill will assist in preparing the North General Aviation area for expansion. The 15-acre project will take approximately 18 months to complete.
- Upon completion of the fill activities, the area will be capped with six to eight feet of clay soil.