



## V.C. Summer Nuclear Station

V.C. Summer Nuclear Station is a single unit, pressurized water reactor plant located approximately 30 miles northwest of Columbia in Jenkinsville, SC. The plant began commercial operation January 1, 1984.

- The nuclear station is named for the late Virgil Summer, former SCANA Chairman and CEO.
- The plant is operated by SCE&G and co-owned with the Public Service Authority (Santee Cooper).
- Summer Station is capable of generating 1,000 megawatts of electricity, roughly 21 percent of SCE&G's electricity.
- SCE&G announced plans to build the plant in 1971. At completion, the project cost \$1.3 billion – 24 percent less per kilowatt than the average of 13 nuclear plants constructed over the same time period.
- In 2004, the NRC granted Summer Station a 20-year extension to its operating license, allowing the plant to operate through 2042.
- V.C. Summer creates electricity by using steam to turn the plant's large turbines. The steam is produced by nuclear fission – the splitting of atoms inside uranium fuel pellets.
- Fuel pellets are about the size of a pencil eraser and contain as much energy as a ton of coal.
- Buildings containing nuclear equipment are specially built to keep radioactive by-products from being released.
- V.C. Summer employs approximately 825 employees.

For more information on V.C. Summer and SCE&G's additional plants, visit <http://www.sceg.com/en/about-sceg/power-plants/>.