



New nuclear development.

SCE&G forecasts a need for baseload electric generation around the 2016 timeframe. SCE&G has teamed with Santee Cooper to build two nuclear generating plants to fill that need.

In February 2006, SCE&G and Santee Cooper announced that they selected the V.C. Summer Nuclear Station site in Jenkinsville, S.C., as the location for constructing new nuclear facilities. Since 2006, the companies have worked to develop a combined operations license application (COLA) which was submitted March 31, 2008 to the Nuclear Regulatory Commission (NRC). On May 23, 2008, SCANA made history when it signed an Engineering, Procurement and Construction (EPC) contract with Westinghouse and the Shaw Group to build two units using Westinghouse's AP1000 reactor design.

The AP1000 features proven technology and innovative safety systems. Certified by the NRC, the simplified design requires 50 percent fewer safety-related valves, 80 percent less safety-related piping, and 85 percent less control cable. The result is an even safer plant that is easier and less expensive to build, operate and maintain.

In addition, construction techniques for the new generation of plants have been improved and standardized. The AP1000 is designed to utilize more efficient construction techniques such as those used in ship building. Activities that had to be done in a specific sequence in the past will now be performed in parallel, greatly reducing the construction schedule.

Below is a projected timeline of milestone events in the process.

Projected Timeline

February 2006	Announced NND project
March 2008	Submitted Combined Construction and Operating License Application (COLA) to NRC
May 2008	Signed Engineering, Procurement and Construction Contract (EPC) with Westinghouse and the Shaw Group
February 2009	Received approval of project from the S.C. Public Service Commission
April 2011	NRC issues Final Environmental Impact Statement from NRC
August 2011	NRC issues Final Safety Evaluation Report from NRC
October 2011	NRC conducts mandatory COL hearing
December 2011	NRC grants final design certification for AP1000®
Early 2012	Expect issuance of COLs from the NRC
2016	Anticipate Unit 2 to begin commercial operation