

## CONTRACT DRILLING – GEOTECHNICAL & ENVIRONMENTAL



### Proposed Nuclear Power Facility for Progress Energy Florida

In September 2006, **Universal Engineering Sciences (Universal) – Gainesville** was awarded a contract to conduct a subsurface exploration comprised of Standard Penetration Test (SPT) (ASTM D-1586) borings and rock coring (ASTM D-2113) at two sites located in Central Florida. The main purpose of the exploration was to characterize the site soil and bedrock conditions for a proposed nuclear power facility. The initial exploration included the evaluation of the two sites to select the optimal site for future construction of the facility. Due to the limited access provided pending the selection of the final site, it was necessary for Universal to mobilize and maneuver both ATV mounted rigs and truck mounted rigs throughout the 4,000 acre, heavily-wooded site.

Through the efforts of our Gainesville office and our statewide company resources, Universal was able to mobilize all of the necessary personnel and equipment to the site to meet the client's time-sensitive schedule. In August 2007, our drilling crews completed the SPT and rock coring activities on time and within the client's budget. The SPT and rock cores were advanced to depths of 25 to 250 feet for a combined total footage of just over 14,500 linear feet.

