

Permanent Instrumentation and Monitoring, Phase I & II Saluda Dam, South Carolina

to the Core.
Integrity



South Carolina Electric &
Gas Company, Saluda Dam,
South Carolina

Contract Value: \$170,000.00

Start Date:
September 2005

End Date:
January 2006

Project Reference:
Paul C. Rizzo Associates, Inc.
Carl Rizzo
(803) 750-9773

Miller provided sonic and support crew to drill and install borings for Casagrande Piezometers and inclinometers through Rip Rap, crushed stone, soils and bedrock, conversion of temporary instrumentation to permanent monitoring wells as part of Phase I and Phase II of the prime contract with SCANA. Three-foot protective casings were installed to protect inclinometers and piezometers completed with flush mount covers and concrete pads. Some boreholes included two piezometers and installation of steel casing required for stabilization above the zone of interest to monitor water levels in separate soil types. Double piezometer installations required a zone of bentonite between zones to form an impermeable layer. Drilling was completed by sonic drilling methodologies.



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