

Disposal of Blowdown Water for Power Generation

Southport, Florida



Layne drilled 24-hours per day, 7-days per week to reach 6,000ft. below land surface.

Key Project Areas

Power Utility

Injection Well

Turnkey Construction

Exploratory Drilling

Layne was hired to drill a Class V Exploratory Well to investigate the feasibility of a Class I Industrial Injection Well at this site for the disposal of cooling tower blowdown water. The drilling plan include substantial core analysis, packer testing, and geophysical logging to evaluate three potential disposal zones between 1,500 ft. and 2,500 ft., 4,300 ft. and 4,500 ft., and 4,500 ft. and 6,000 ft. The project also included a dual-zone monitoring well.

Layne was able to value engineer the project and develop an alternate drilling and well completion plan for the owner that satisfied all of the Department of Environmental Protection's requirements while reducing the project cost.

