

The Saxon Group

Georgia Power Plant Jack McDonough

Atlanta, Georgia

PROJECT MANAGER
Clay Sturgeon

CLIENT

The Saxon Group
Russ Evans, Site Superintendent
404.794.4255

PERFORMANCE PERIOD

October 2006 – January 2007

CONTRACT VALUE

\$143,000



SITUATION

The Saxon Group contracted GES to install 3,200 feet of 10-inch HDPE fire water line in advance of the construction of new cooling towers at this Georgia Power coal fired plant.

PROJECT APPROACH

Project involved excavation, pipe fusion, installation, backfill and compaction. This project included underground piping requiring coordination with other contractors, schedules, stringent safety requirements, existing (but unknown) underground obstructions including grounding grids, duct banks, water and power lines.

Overview and Unique Aspects: Initially, this was represented as a simple 10” fire protection loop to connect 8 fire hydrants and tie in to the Fulton County water supply. Ultimately, due to

other construction activities, plant schedules, engineering changes and additional work, it became a “build in place” with alterations as required to avoid and encompass other, related construction activities.

Several re-routes and specialized methods (electrofusion couplings, specific planning, breakdown (ditch) welds and unique use of fusion equipment) were employed to provide a 100% defect free system that was hydrostatically tested to 240 psi. System is currently in use with no reported problems subsequent to our demobilization.

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**The Saxon Group
Emergency Water Line Repair
Georgia Power Plant Wansley, Carrollton, Georgia**

PROJECT MANAGER
CLAY STURGEON

CLIENT
The Saxon Group

CLIENT CONTACT
Mr. Mark Edgar
The Saxon Group
(770) 271-2174

PERFORMANCE PERIOD
October 2006

CONTRACT VALUE
\$ 2,500



PURPOSE
The Saxon Group contracted Greenleaf to perform an emergency HDPE water line repair at a Georgia Power plant after the line had been damaged by another contractor on site.

PROJECT APPROACH
Greenleaf was en route to Plant Wansley within one hour of the initial call, mobilizing an HDPE pipe technician and an operator, along with all necessary tools and supplies to affect the repair.

RESULTS
Greenleaf was able to repair the line using electrofusion couplings and had the water line back up and running within one hour of arriving on site.