

Project Profile



SP

Specialized Maintenance Programs

Location	Various locations in Florida
Client	Progress Energy
Date of Performance	2002 through present
Eagle-SWS Role	Inspection and Remediation

Description: In 2002, Progress Energy Florida developed a Multi-Site Remediation Program (MSRP) that set priorities, performance, and safety standards to assure a focused, voluntary cleanup program for its distribution padmount transformers. This voluntary program, titled the Transformer Reliability and Inspection Program (TRIP), established a roadmap to cleanup multiple contaminated sites over a period of years and provides for the allocation of resources to cleanup a prioritized list of sites. The TRIP inspection, remediation and waste management processes were reviewed and approved by the Florida Department of Environmental Protection (FDEP).

This program is one of the first of its kind that addresses the cleanup of non-PCB and PCB mineral oil dielectric fluid spills from distribution padmount transformers in Florida. Eagle-SWS entered into a remediation program with Progress Energy Florida to execute this program. As a result of this program, Progress Energy Florida has been able to efficiently remediate sites by applying new technologies such as a specialized, non-intrusive soft dig technology.

Project Highlights

- This program is one of the first of its kind that addresses the cleanup of non-PCB and PCB mineral oil dielectric fluid spills from distribution padmount transformers in Florida
- Since this remediation program was initiated in 2003, the program has completed approximately 4000 TRIP Sites over the last five years

The Eagle-SWS Program Manager oversees this effort. The work is executed by 5-person crews, each with a dedicated supervisor. The program, at its peak, has crews completing 28 sites per day. Prior to commencement of work at each site, Eagle-SWS obtains clearance by the property owner, locates underground utilities using soft dig technology, and evaluates the release of dielectric fluid. This approach is time consuming, but its track record has been exemplary. In addition, there is a significant amount of logistical and planning coordination required before remediation is started. All waste from the remediation site is properly packaged, labeled, and transported to a state-permitted waste disposal facility once laboratory results have been received and reviewed. Eagle-SWS then completes the site work with restoration.

Eagle-SWS documentation and quality control of the work is completed with each step. At the conclusion of the site work, Eagle-SWS ensures that the work is acceptable to the property owner and Progress Energy Florida. The post work deliverables are then turned over to Progress Energy Florida.

Project Profile



SP

Specialized Maintenance Programs

Since this remediation program was initiated in 2003, the program has completed approximately 4000 TRIP Sites over the last five years.

Eagle-SWS is a leader in air-vacuum excavation systems for onsite remediation, having pioneered the use of high-volume air vacuum through our proprietary nozzles to expose underground utilities. Our equipment is designed to make an 8"x8" hole (pothole) in any kind of soil. The equipment vacuums up the dry spoils for easy backfilling and eliminates the time and expense associated with mud disposal. For underground utility locating, deep soil sampling, or pipeline maintenance using keyhole technology, with no disturbance of road base, there is no more economical, safer, faster, or cleaner way to expose underground utilities than with an Eagle-SWS air-vacuum excavation system.