

Transformer Explosion Cleanup

Location: Central Georgia

Client: Major Power Company

Cost: Confidential

PROBLEM

Remtech responded to a transformer fire/explosion in central Georgia. A bushing pole insulator shorted out causing a fire/explosion that activated the fire water deluge extinguishing system. Debris (porcelain, paper) from the insulator was broadcast over 300 ft from transformer. An estimated 500 gallons of dielectric fluid were released to fire containment basins, oil/water separator, power company grounds, and a detention pond.

SOLUTION

Remtech's site remediation activities included:

- Removed contaminated soil without disturbing grounding grids
- Loaded contaminated soils into rolloffs
- Skimmed dielectric fluid from large detention basin
- Steam cleaned transformer shells and fire retention basins
- Cleaned in ground oil water separator
- Treated 150,000 gallons of oil contact water with mobile oil/water separator and activated carbon system released to site detention basin
- Collected soil performance samples confirming cleanup to state limits
- Restored power station grounds soils and gravel cover



Steam Cleaning Transformer Shell



Excavation of Contaminated Soils



Removing Free Product from Detention Basin



Treating 150,000 gallons of contact water