

Electrical Transformer Coolant Oil Leak

Ringgold, GA
May, 2003

A transformer accident at Duke Energy released an undetermined amount of coolant mineral oil (estimated to be at least 30 gallons) into the surrounding plant compound. The leak was confined to a small area of the plant. HEPACO Environmental Services, Chattanooga, TN, was called for remediation of the contaminated area. The spill was located in an area that made excavation and removal of the contaminated soil impractical. The decision was made, by Duke Energy environmental personnel and HEPACO, to treat the spill in place.



Treatment:

55 gallons of E-SAFE© Environmentally Safe Cleaner were applied with a low pressure spray system. The spill area was thoroughly soaked with E-SAFE© so that deep penetration was assured. A heavy rainfall occurred shortly after E-SAFE© was applied.

Result:

Following treatment with E-SAFE©, core samples determined that contamination from the coolant oil had been eliminated. No further treatment was required.

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