



Firefighting Experience *(Partial Listing of Projects)*

Head-On Train Collision

Mississippi

USES responded to a head-on train accident involving two freight trains in Mississippi. Approximately 20,000 gallons of diesel from the trains' engines had ignited upon impact and was encroaching on several LPG tank cars. The USES fire brigade, in conjunction with local fire departments, successfully extinguished the fire using aqueous film forming foam (AFFF) applied with hand lines.

Tank Farm Fire

Wichita, Kansas

USES responded to a solvent tank farm fire in Wichita, Kansas. Initial response operations included containing runoff firefighting water and utilizing a vacuum truck to recover the run off water. USES contained leaks from those tanks that still had product remaining in them. Once investigators released the tank farm, USES crews cleaned and demolished the tanks. USES performed remediation services to the contaminated soil and handled all disposals of soil and waste water.

Chemical Distribution Facility Fire

Des Moines, Iowa

USES responded to a warehouse fire at a chemical plant in Des Moines, Iowa. Once onsite, response crews began recovering firefighting runoff water with a vacuum truck. Our industrial fire team proceeded to extinguish hot spots throughout the warehouse. USES response crew then entered the warehouse and began the demolition process and vacuumed remaining firefighting runoff water and product from all drums and totes.

Hazardous Waste Storage Facility - Tank Farm Fire

Romulus, Michigan

USES responded to a tank-farm fire at a hazardous waste storage facility. This fire involved approximately 40 tanks containing flammable solvents. USES provided an industrial fire brigade, chemical fire-fighting equipment and an emergency response team. Services performed included standby firefighting operations, recovery of spilled solvents, plugging/patching leaking tanks, multiple product transfers, initial remediation and post-incident tank cleaning/gas-freeing. Project duration was approximately six weeks.

LPG Tank Fire

Winona, Mississippi

USES responded to a 10,000-gallon, LPG tank fire in Winona, Mississippi. The propane tank had been damaged prior to the fire, and all of the valves that are normally used to load or unload the propane were unserviceable. USES firefighters supervised the hot-

tap operations and subsequent product transfer, while maintaining a sufficient water flow onto the tank in order to keep it cool and prevent a BLEVE.

Crude Oil Tank Fire

Sartoria, Mississippi

USES responded to a 500-barrel crude oil tank that was on fire, due to a lightning strike. The tank was located near a navigable waterway, and officials from the MDEQ were concerned about total tank failure, which could have released oil into the water. The USES fire brigade quickly suppressed the fire using aqueous film-forming foam (AFFF) applied with hand lines and controlled the runoff to ensure that nothing entered the waterway.

Exploding Nitrocellulose Drums

Clinton, Mississippi

USES responded to a fire at a manufacturing plant involving drums of nitrocellulose. Exploding drums of nitrocellulose had caused a major railroad to stop traffic on their tracks adjacent to the warehouse. USES firefighters worked in conjunction with the local fire department to extinguish the warehouse fire. After the fire was extinguished, a USES hazmat team performed site stabilization including containerization of all waste materials.

Tug Boat Fire

Mississippi Gulf Coast

USES responded to a fire aboard a 100-foot tug boat on the Mississippi Gulf Coast. The tug contained 18,000 gallons of diesel, and the fire began due to a broken fuel line. The local fire department responded and was able to partially extinguish the fire. USES was contracted to make an entry into the lower levels of the tug in order to completely extinguish the fire. Utilizing a skid-mounted, 1,100 gallon-per-minute firefighting pump, USES firefighters were able to successfully extinguish the fire.