

DUPONT ELASTOMERS PLANT | LOUISVILLE, KY



600,000 SF Industrial Process Plant



February 2009–September 2009



\$2,500,000



Washington Group International



Demolition



Hazardous Material Abatement



Salvage & Asset Recovery



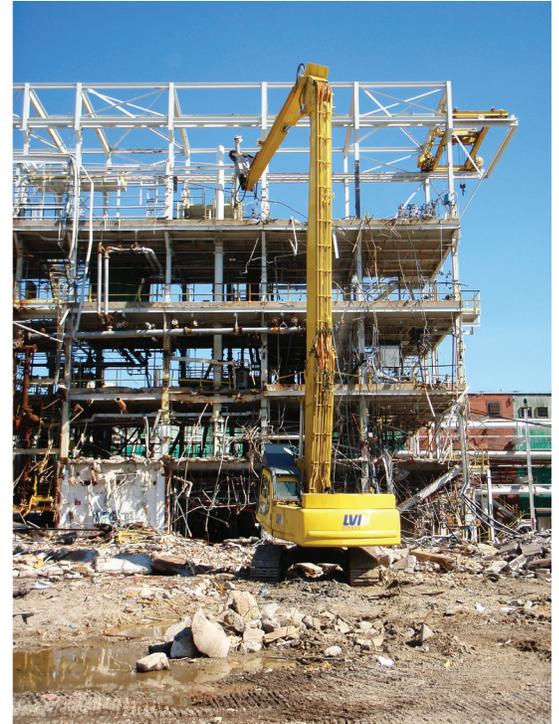
Zero OSHA Recordable Injuries

LVI completed a 90-building industrial demolition project totaling 600,000 square feet for DuPont’s Performance Elastomers plant in Louisville, KY. This plant, originally constructed in the 1940’s, was the first neoprene rubber plant in the United States. It produced neoprene, a synthetic rubber used in the automotive and construction industries.

The scope of the demolition included various building types, pipe bridges, tanks, vessels, and process equipment. LVI commenced demolition after the plant was remediated of all hazardous materials and asbestos. The most difficult part of this project was working around active plant areas. Much of the demolition was in close proximity or abutting active plant areas and live process piping.

SURGICAL DEMOLITION ADJACENT LIVE SUBSTATION

Some of the structures being demolished were pressed up tight to a live process pipe rack or electrical substation. Extreme care was needed to surgically remove the structure out of harms way. LVI depended on its skilled labor force to accomplish this delicate work.

 **ZERO OSHA RECORDABLE INJURIES****SPECIALIZED OWNED EQUIPMENT**

Specialized high-reach excavators were used to precisely demolish the tallest structures and an assortment of attachments for the excavators was used for surgical demolition. LVI mobilized a fleet of equipment including a Komatsu PC 450 excavator with a 90 foot high stick. LVI also used Hitachi 650 and 330 excavators, Daewoo 340 and 480 excavators, and a John Deere 200 excavator. These machines were equipped with various specialized demolition tools, including grapples, shears, pulverizers and hammers. The size and power of these machines facilitated the safe and efficient demolition of the various buildings and components.

RECYCLING

Demolition materials were separated for recycling. Masonry and concrete were pulverized and recycled as onsite fill. Steel was segregated and sent to a local salvage yard.

ON-TIME & WITHIN BUDGET

LVI finished the project ahead of schedule and within budget. Skilled laborers carefully rigged the piping down safely. There were no OSHA recordable incidents.

Project Managed By LVI Environmental Services Inc., a Cincinnati-based subsidiary of LVI Services Inc. | **Client Contact** Paul Gillenwater, Washington Group International, (502) 775-3066, paul.l.gillenwater@usa.dupont.com