

THE BIG PICTURE

Turner Industries' Crane & Rigging group, working closely with the Construction Division, successfully completed a complex job requiring the transportation and erection of three 250-ton reactors. The reactors arrived at the Port of New Orleans bound for a bio-diesel fuel refinery under construction in Norco, La. Taking delivery of the reactors from the ship, the Crane & Rigging group loaded and moved them by barge to Norco. There they were offloaded and hauled to the jobsite to be erected by both Turner groups working in tandem.

Upon arrival by ship at the Port of New Orleans, Turner unloaded the reactors and placed them on a barge. Once loaded on the barge, the reactors were floated to a concrete dock provided by the client, close to the jobsite. The move from barge to land took place under "live-loading" conditions. To accomplish this task, two 2400 horsepower tugboats were needed to control the barge to be sure that river currents would not move it during the process. For transport to the jobsite each reactor was reconfigured onto a 125 foot long, 24-axle line of Goldhofer transporters.

Turner then hauled the reactors three miles from the dock to the jobsite, on a route that included tight turns, two railroad crossings and multiple pipe rack crossings. Coordination with all local energy companies, rail representatives, the sheriff's office, state police and the levee board, was required with each move during the three-day haul period to ensure a safe and incident-free transport.

When the reactors arrived at the jobsite, Turner crews erected them, completing the job in half the time that had been scheduled for the job. The project crews installed all rigging and successfully lifted and placed the vessels on their foundations using the TC 4000 Demag Crane (800 ton capacity). As a result of extensive planning and constant safety awareness, no incidents or accidents occurred throughout the entire haul and erection process.



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