

the

# WATERWAYS JOURNAL

Weekly

SINCE 1887



Over 115 Years of News

\$2.<sup>00</sup> ppd. per copy

\$32.<sup>00</sup> Per Year  
March 31, 2003

REG. U.S. PAT. OFF.  
VOL. 117 No. 1



**EXPECTATIONS FOR THIS CRANE WERE GREAT.  
ACTUAL PERFORMANCE IS EVEN GREATER.**

Progress Energy Carolinas was looking for a way to lower the costs and increase the efficiency of the coal supply to their Wilmington, N.C. generating plant. A central element in the answer they found is a delivery system developed and managed by Atlantic Diving and Marine Contractors. The system uses barges as the last link, bringing coal up the Cape Fear River to an unloading facility. The facility is built around an E-Crane® equilibrium crane, which offloads the coal onto a conveyor for the quarter-mile trip to the plant's coal yards.

The E-Crane was initially recommended because its unique design and reach capabilities were the best match for the size and shape of the barges. The E-Crane features a moving counterweight to keep the crane in balance. This enables it to handle large loads at long outreaches, yet be so nimble no coal is left behind.

Atlantic expected great results with their E-Crane. But what they got was something more.

Unlike a conventional crane that requires up to 80% of its energy just to move, the Wilmington E-Crane handles about twice the coal with less than half the horsepower. That means lower operating costs. It's also faster, discharging three grabs in 75 seconds, which means about 900 tons per hour – and actually outpaces the capacity of the take-away conveyor by 300 tons. And it does it all precisely and simply. Atlantic Diving operators say that as hard as the crane works, it's still remarkably easy to operate.

To arrange a visit to see an E-Crane in action, call us today. It took about 25 seconds – or one grab – to see how much more the Wilmington E-Crane brings to that operation. Let us show you the difference it can make in what you're planning.

**E-CRANE**  
EQUILIBRIUM

[www.ecrane-usa.com](http://www.ecrane-usa.com)

E-Crane International, USA, Inc.  
419-563-0090  
Fax: 419-563-0074  
E-mail: [info@ecrane-usa.com](mailto:info@ecrane-usa.com)