

# NEWS RELEASE

## **Florida Power & Light purchases Biach RPV Stud Tensioning System for its Turkey Point Plant**

Biach Industries, Inc., of Cranford, New Jersey, has announced it has received an order from Florida Power and Light for a new RPV stud tensioning system for use on FP&L's Turkey Point 3 and 4 vessel heads. The contract calls for 4 of Biach's QD-H style RPV stud tensioners (designed for the 6" diameter RPV studs on the Turkey Point vessels) which use the turn-of-the-switch latching means of stud engagement to the conventional, helical thread form. Included in the design is Biach's EMS (*patent pending*) – elongation monitoring system – which provides instantaneous elongation status feedback from the tensioner to the pump operator. This feature will eliminate the uncertainty of inconsistent or inadequate nut seating which leads to the need to perform trim passes if readings are outside of the required range. Also included in the tensioner design are Biach's Hoist and Tractor Control Handles which interface with the plant's hoists and afford the tensioner operator the ability to easily raise and lower and move the tensioner left or right around the bolt circle, thereby reducing crew size and added dose. Biach's communication box on the tensioner provides distinct written instructions from the pump operator to the tensioner operators to assure error free operation and synchronized performance.

Completing the package is Biach's EPN (electro-hydraulic) pumping system to pressurize the set of individual tensioners, a spare control console and a set of test block assemblies (RPV stud simulated components) for pre-outage testing

and training of crews. Biach engineers and technicians will be training the crews at Turkey Point and providing on site outage support.

Biach Industries, Inc. has designed and manufactured such systems since 1955. Its designs are used in over 90% of the US nuclear plants and in many overseas. For further information, contact Richard A. Hill, President at 908-276-3110 or by email: [rhill@biach.com](mailto:rhill@biach.com) or visit Biach's website: [www.biach.com](http://www.biach.com).