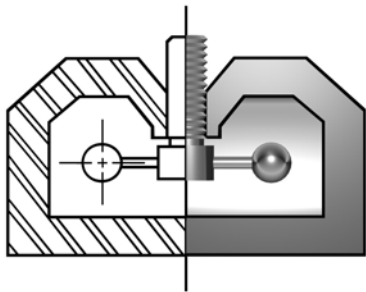


If I don't dream, who  
will do it for me?

John L. Biach  
1905-1973

# Expanding Horizons

Biach Industries, Inc. Quarterly Newsletter Vol. 4 No.2 - April 2002



## FIELD SERVICE NEWS.....

Biach engineers and technicians have been busy performing equipment service and/or outage support at:

*LaSalle	*Catawba	*Millstone 2
*Quad Cities	*Byron	*Braidwood
*Dresden	*Susquehanna	*Browns Ferry
*Beaver Valley	*Clinton	*Vogtle
*VC Summer	*San Onofre	*Seabrook
*Comanche Peak		

### **New QD-H tensioners shipped:**

Biach completed final machining and in-house testing of QD-H components for a retrofit of older stud tensioners at the San Onofre plant. On site conversion is in progress at the site now in preparation for it's May outage.

A complete QD-H package, including EPN pump, tensioner control handles and SEMS unit was delivered to Westinghouse Technology Services for the Krsko site of NEK in Slovenia. This system replaced older Biach, screw-on style tensioners to give the site the latest and fastest means of tensioning their vessel studs.

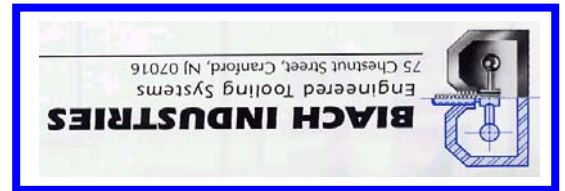
### **New Training Package!**

*So. California Edison* has contracted with Biach's BIA division (Biach Information Arts) to produce a training package on its Polar Crane operation at SONGS. This follows delivery of an Operator Training Package on Biach's QD-H stud tensioner, EPN pump, Electric Stud Drive Tool and SEMS (stud elongation measurement system), all created by the BIA division. Seven sites now use Biach's specialized Operator Training Package for training new crews or providing refresher training for existing personnel prior to outage use.

### **Sites have chosen to incorporate Biach's latest Communication Boxes:**

*Brown's Ferry, San Onofre and Krsko* (Slovenia) sites have included our new style communication box in their upgrade packages. Using distinct, clear written communication via an LCD screen, the tensioner and EPN operators can now clearly communicate each phase of tensioner operation. This enhances and improves operation on critical path thereby shortening the overall outage time.

RPV stud tensioning at Browns Ferry was just reduced from 2 hours 5 minutes to 1 hour 15 minutes, which is attributable to first time usage of the new Communication Boxes.



### Biach's smaller stud & bolt tensioner news:

*Aimark Travers* coordinated and placed an order with Biach for custom "CC" style stud tensioners for use at the Ontario Hydro Darlington plant's heat exchanger application ("bleed coolers").

*Hastings Manufacturing* ordered Biach's "CC-137" stud tensioners for use in their piston ring manufacturing process.

*Omaha Public Power* purchased Biach's "CC" style stud tensioner for use on their reactor coolant pump casing studs. Biach's compact 3 1/2" tensioner includes the gear driven nut turning feature and spring powered piston return mechanism to facilitate user operation.

*Coastal Aruba* purchases Biach's **Crimping Tool** for sealing off lines on it's hydrogen reformer. Biach's crimping tool continues to get worldwide attention as a means of crimping off worn out pigtail lines in order to keep reformers on line.



*AEA Technology* placed a second order for Box Presses from Biach for use in Russian nuclear plants. Biach engineers have worked closely with AEA engineers to develop this special tooling used in their Mechanical Stress Improvement Process.

*TVA Browns Ferry* upgraded its EPN pumping unit with Biach's **new Control Console**. Now, using the Jetter controller and improved electronic technology, the new console provides easier operation, faster performance and includes an electronic self test feature.

**Biach is preparing for its 5<sup>th</sup> Owners Group Workshop**, scheduled for June 4<sup>th</sup> and 5<sup>th</sup>. A full two day program of discussion sessions and equipment demonstration is planned. Hurry- make your reservations!! Contact Ginger at [GingerG@Biach.com](mailto:GingerG@Biach.com) or call 908-276-3110, ext. 201.

*Dominion Generation* orders new **Hoists and Control Handles** for the RPV tensioning system at Surry. Biach designed and packaged a coordinated system of hoists, tractors and control handles for the lifting and transporting of the large RPV stud tensioners, thereby speeding up this phase of outage operations. The *Seabrook* plant of *North Atlantic Energy Service Corp.* has just placed their order for a similar package for use with their three RPV stud tensioners.