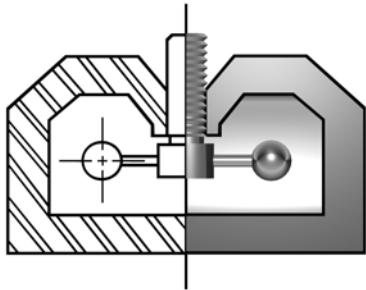


If I don't dream, who
will do it for me?

John L. Biach
1905-1973

Expanding Horizons

Biach Industries, Inc. Quarterly Newsletter Vol. 6 No.2 – April 2004



**Other Custom
Tensioner Projects:**
Tutor-Saliba/Koch ordered special tensioners for a bridge anchor bolt project in California.
Minserco ordered custom tensioners for a drag line gear segment project.

Calvert Cliffs Orders New QD-H System

Constellation Nuclear ordered four QD-H style stud tensioners complete with communication boxes and Biach's EMS (Elongation Monitoring System); and an EPN pumping system to replace older, thread-on style tensioners at the Calvert Cliffs plant. Destined for their April outage, Biach tech reps will be providing on-site training and support. **Calvert Cliffs** becomes the 23rd site to upgrade to Biach's QD or QD-H quick engagement stud tensioner design.



Don Nickerson & Dan Dull inspect Calvert Cliff's new QD-H style stud tensioners at Biach's manufacturing facility before shipment to their plant.

Calvert Cliffs Orders Biach's New SEMS III

Biach's SEMS (stud elongation measurement system) has evolved into a new, lighter weight, user friendly design consisting of measuring pod, dial indicator and hand held data acquisition unit. It immediately takes the elongation reading, performs the math to



produce the real elongation result and offers immediate print-out or for downloading later. Biach's engineers custom designed a handgrip unit to replace older, original box style SEMS units and incorporated new technologies for reliability and longer life.

<<< see picture on left

Progress Energy purchased another SEMS HC model for its **Robinson** site. Their **Shearon Harris** plant already uses one.



Biach's 7th Annual Owners Group Workshop is being held on June 9th, 10th and 11th at the Somerset Marriott in Somerset, New Jersey. If you are interested in attending and have not received any information please email GingerG@Biach.com or call (908)276-3110, ext. 201. We look forward to seeing you there.

Refurbishment of Old Tools

Calumet Lubricants recently shipped a set of older Biach tensioners for refurbishment. Biach's technicians evaluated their condition, replaced seals and made recommendations to bring the tools back to first class operating condition. Biach frequently is asked to service older systems that have been in use for years without regular maintenance.

Dominion Orders ESTDs for No. Anna & Surry

Dominion Generation ordered two of Biach's Electric Stud Drive Tools (ESDTs) and special LSA containers so they can share the ESDTs between 2 units at North Anna and 2 units at Surry.



This marks the 9th site to implement Biach's electric stud drive tools for stud removal and insertion.

FIELD SERVICE NEWS.....

For the upcoming Spring outage season, Biach technicians have been contracted to support detensioning and tensioning at:

*Hatch	*Browns Ferry	*Clinton
*Diablo Canyon	*San Onofre	*Byron
*Comanche Peak	*Susquehanna	*Vogle
*Quad Cities	*Calvert Cliffs	*Salem
*Millstone 3	*North Anna	*LaSalle

In addition, Biach technicians supported maintenance and service of Biach tensioners and EPN pumps and performed pre-outage inspections or training at:

*St. Lucie	*Susquehanna	*Vogle
*Callaway	*Quad Cities	*Hatch
*North Anna	*Clinton	

Redundancy Plans Provide Back Up Capability:

Florida Power & Light orders a second EPN for its St. Lucie site.

Calvert Cliffs orders a retrofit package to modify their old R045 series pneumatic/hydraulic pump to serve as a back up to their new EPN.

While older pumping systems can provide the high pressure hydraulic flow, they lack the ability to supply low pressure functions and interface with limit switches and communication boxes. Biach engineers have developed kits to provide these functions.