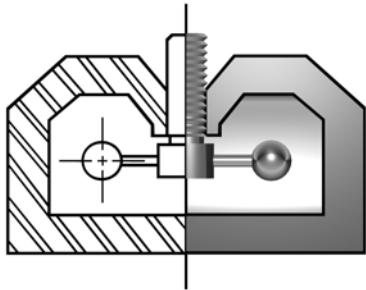


*If I don't dream, who
will do it for me?*

John L. Biach
1905-1973

Expanding Horizons

Biach Industries, Inc. Quarterly Newsletter Vol. 3 No.1 - August 2000



Energy Northwest Orders Biach's SEMS

(stud elongation measurement system) unit...making it the 37th SEMS user. Sites have benefited from the simplicity, accuracy and quickness of the SEMS for taking elongation readings.



Biach's Owners Group 2000 Workshop

Our 3rd Annual Owners Group Workshop was a huge success with 16 utility attendees from 12 sites representing a mixture of PWRs and BWRs from around the country.

This year's workshop included topics on pre-outage maintenance, communication, reduced pass procedures, lessons learned, technical support and transporting and rigging of tooling.

The BIA (Biach Information Arts division) group put on a skit depicting ineffective training and communication to demonstrate their focus in training materials and job scope documentation.

Cross interaction was strong with attendees sharing experiences and knowledge. Time was provided for "hands on" operation of Biach equipment as well.

Each year this workshop attracts attendees from around the country in search of new ways to perform outage related tasks as each seeks to shorten their outages. Biach is proud to be a sponsor of such a gathering and to learn from each of the participants and offer our 45 years of tensioning and stud handling experience.



ComEd Purchases Training Package

Commonwealth Edison recently contracted with Biach to produce training packages for its 4 BWR and 2 PWR sites. Biach's BIA division is preparing a multifaceted training program focusing on tensioner operator's needs, since one error causing a 15 to 20 minute delay on critical path can be very costly.

Geared to help on-the-vessel crews more effectively operate the particular tensioning system at their site, BIA's program includes a classroom instructor's guide, crew member's workbook, flipcharts for pre-job briefing, job aides for quick, on the spot tensioner instruction and computer based training (CBT) which can include video clips of detailed operation.

Tailored to the unique tensioner components and inter-related systems (ie. limit switch/communication boxes), the program is delivered in hardcopy and CDROM for maximum effectiveness and distribution (ie. site intranet).

BIA's experience includes work process documentation projects at a major confectionery plant, a pharmaceuticals packaging firm, a chemical facility's waste water processing plant and a software company. Each organization has sought to document work processes in responding to cGMP requirements, retiring workforce, and demands for improved quality and efficiency.

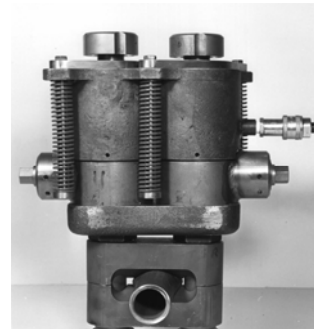
Electric Stud Drive Tool Interest Grows...

Biach engineers recently revamped completely two of San Onofre's older pneumatic Stud Drive Tools for conversion to the newer electric motor drive and electronic controls stud drive tool. SONGS has also just ordered a 3rd new Stud Drive Tool.

Diablo Canyon just placed an order with Biach for two new Electric Stud Drive Tools and a special LSA type container for storage of the tools.

New Orders with Biach:

Eastman Kodak placed an order for additional tensioners used in their film production process...*Piasecki Steel Construction* purchased a tensioning system for an upcoming bridge project...*Bechtel Plant Apparatus* ordered 6 tensioning systems (water operated pumping unit and 2 two-stage custom style tensioners) for naval nuclear work...*FlowServe Corporation* ordered another set of custom tensioners for 4.75" dia. studs on their reactor coolant pumps...*Technical Consulting Services* continues to order Biach's Pipe Crimping Tool for reformer projects in the Caribbean...*PSE&G* ordered special hoists and trolleys for their tensioning system monorail carousel at the Hope Creek Plant.



Biach's Crimping Tool & Jaw Set

Biach Upgrades QD Tensioners at Clinton

The Illinois Power-Clinton site recently placed an order with Biach to upgrade its QD tensioners, supplied back in the '70's, to a completely hydraulic operation. In addition, the site is ordering two of Biach's new EPN pumping systems to replace their older, air operated unit. As part of the tensioner upgrade, Biach is also supplying electric limit switches and new communication boxes to interface with the EPN pump. Biach's Hoist and Tractor Control Handles will be added to complete the 8 tensioner system. The site work is being done during the month of August by two Biach technicians working in conjunction with site personnel. This project is targeted for completion prior to Clinton's Fall outage.

Millstone 3 Purchases Biach's EPN pumping system becoming the 27th site to upgrade to this new electronic/hydraulic pumping system. In addition, they have ordered 6 new limit switches and communication boxes, a high flow hose assembly and conversion kits for hydraulic piston return. This upgrade will bring Millstone's tensioners the latest technology for speeding up this process.

Biach's Field Service Team Has A Busy Schedule!

This summer Biach's service group has performed maintenance service on Biach stud tensioners/or EPN pumping systems at Clinton, Diablo Canyon, Peachbottom, Oyster Creek, Dupont (chemical plant with tensioner designed for 11" dia. studs), Waltz Mill-Indian Pt. 2 tensioners, Seabrook and St. Lucie. And another anticipated at the VC Summer site in September.

They're preparing to support nuclear outages this Fall at: Indian Pt. 2, Byron, Dresden, Vogtle, Comanche Peak, San Onofre, Diablo Canyon, Clinton, Quad Cities, Oyster Creek, Braidwood, Sequoyah, Fitzpatrick & LaSalle.