



## BIACH'S NUCLEAR FOCUS

<b>RPV:</b>	Stud Tensioners: Manual, Air Assisted, QD, QA, QD-H Stud Removal <ul style="list-style-type: none"><li>- Stud Drive Tool</li><li>- Stud Loosening Tool (hi torque)</li></ul> Electro-Hydraulic Pumping System (EPN) Text Style Communication System Elongation Monitoring System feedback to eliminate trim passes Test Stud Mock-ups for Training Spare Parts Rental Boxes
<b>Steam Generator:</b>	Primary, Secondary & Hand Hole 100% Stud Tensioning Rings 50% systems of Individual Tensioners
<b>Pressurizer:</b>	Manway: 100% Stud Tensioning Rings
<b>Turbines:</b>	Tensioners for Casing Studs on HP & LP turbines and throttle valves
<b>Reactor Coolant Pumps:</b>	Tensioners for Casing Studs "Push-Pull" tools to install / remove pump motor half coupling (developed for Byron Jackson (now, Flowserve)) Tensioners for RHR heat exchanger studs Special "shaft rotation tool" for keyway alignment
<b>Re-circulation Pumps:</b>	Same as Reactor Coolant Pump, above.
<b>Valves:</b>	<u>Tensioning systems for:</u> Main Steam Isolation Valves (MSIV) Safety Relief Valve (SRV) Inlet Flange Pressure Relief Valve (PRV) Feedwater Heater Control Valve GE Stop Valve Safety Injection Tank Check Valve Flange
<b>Anchor Bolting:</b>	Tensioners for anchoring reactor to containment Grayloc Pipe Clamps
<b>In Core Instrumentation Flange:</b>	50% to 100% Stud Tensioning
<b>Drywell:</b>	Stud Tensioners for Head Flange Studs
<b>Core Structure:</b>	Special Tensioners for Top Guide and Core Plate Studs
<b>Diesel Engine Generators:</b>	Tensioners for Main Cylinder Head and Bearing Studs
<b>Fuel Transfer Tube Flange:</b>	Stud Tensioning Systems
<b>Stud Elongation Measurement:</b>	Box or Hand Carried Designs Built-in (tensioner) elongation monitoring system
<b>Spent Fuel Casks:</b>	Special Compression Tool for seating gasket Custom Tensioning System using "tapered washers" to develop and retain load with very short bolted joint length
<b>Handling Equipment:</b>	Integrated system of hoists, tractors, trolleys and control handles Customized LSA containers for tensioners, pumps and stud drive tools Tensioner Transfer Lift Rig for lowering in multiple tools in one pick
<b>Training:</b>	Process documentation Operator Training Packages Classroom Training Instruction Web conferencing JIT / Pre-outage Briefing