A two-pronged strategic move is already helping Structural Integrity set a new standard for guided wave inspection in the energy industry.

In August, Structural Integrity acquired the Inspection Services Group from FBS, Inc. of State College, Pennsylvania, a recognized leader in guided wave technology. The acquisition will bring us a new level of expertise in ultrasonic guided wave technology, which is extensively utilized in the energy industry to inspect insulated, buried, or otherwise inaccessible piping. Structural Integrity created a new Guided Wave Technology Group dedicated exclusively to this relatively young and rapidly-evolving technology.

In parallel with the acquisition, we formed a strategic alliance with FBS to develop new guided wave inspection technologies for piping and other critical plant components. Structural Integrity will also open a Guided Wave Technology Center in State College to function as an epicenter for the development and implementation of advanced guided wave applications.

The strategic alliance has also expanded our offering with the addition of the PowerFocus™ guided wave pipe inspection system. The lightweight tool is a heavyweight when it comes to tackling tough inspection conditions and is built on a universal platform, making it available for use for other guided wave applications now under development.

Pipes in tight locations that were previously inaccessible can now be inspected, thanks to the compact size of the PowerFocus system. This will help our clients avoid costly alternatives such as excavation or inline inspection. This new technology also brings improved accuracy to inspection challenges such as buried or heavily coated piping. Improved focusing capabilities can direct concentrated wave energy to specific axial and circumferential locations or can be used to generate a visual representation of the inspected region, effectively pinpointing areas of the pipe for further evaluation.

Ultimately, this new relationship, new technology and new tools will allow Structural Integrity to provide best-in-class assessment capabilities and, most importantly, will bring our clients greater insight into the fitness of their plant components and systems.
TRADESHOWS:
AMI Plastics in Underground Pipes
Houston, TX, November 1-2, 2011

CNS International Conference on CANDU Maintenance
Toronto, Ontario, Canada, December 4-6, 2011

Energy Generation Conference
Bismarck, ND, January 24-27, 2012

EPRI Turbine Generator User’s Group
Scottsdale, AZ, January 16-20, 2012

District Energy Association Annual Campus Energy Conference and Distribution Workshop
“Innovations in Clean Energy”
Crystal City, VA, February 6-9, 2012

EPRI Buried Pipe Integrity Group
Palm Coast, FL, February 21-24, 2012

HRSG User’s Group Annual Conference & Exhibition
Houston, TX, February 27-29, 2012

WEBINARS:
NACE Corrosion 2012 Conference
Salt Lake City, UT, March 11-15, 2012

Structural Integrity’s Metallurgical Lab in Austin, Texas has moved to a new location at:
1825 B Kramer Lane Suite 500
Austin, TX 78758

For more information about our metallurgical services, go to:
www.structint.com/materials-evaluation

For more information on these events and Structural Integrity, go to:
877-4SI-POWER 877-474-7693