SONO WAVES

A Publication of

FURNESS-NEWBURGE, INC.

Innovative Compliance Strategies for the 21st Century

376 Crossfield Drive, Versailles, Kentucky 40383

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MACT ACHIEVED WITH FNI EXPERTISE

Chances are you don't have to install baghouses in order to comply with MACT standards for metal HAP emissions: use water treatment principles to upgrade your cupola wet scrubber system. FNI worked closely with two major iron foundries and achieved MACT with minimal capital outlay. Please call us and bring your foundry into MACT compliance easily and economically.

News and Notes

Two additional iron foundries, one in IN and one in WI, recently joined the Sonoperoxone(R) family. Both start-ups are expected to take place during the fall of 2005. ***Why not give us a call and have your foundry reap the financial and environmental benefits of Sonoperoxone(R)?***

During April 2005, the State of California accepted FNI technology of combined Sonoperoxone(R) Blackwater and Core Room Odor Scrubber as state of the art. This first-of-its-kind system has been running at Gregg Industries in El Monte, CA since summer 2003, successfully reducing odors from the core room and VOC emissions from the sand system. The Final Report has been submitted and approved and we expect publication by the State of California soon.

NATIONAL SCIENCE FOUNDATION AWARD PARTICIPANT

Furness-Newburge, Inc. will participate with Penn State University and MIT in an NSF award under the Materials in Metal Casting Industries category. Under this award, we will look at improving and valuing the materials flow of the metal casting industry. The research will focus on developing and characterizing the impacts of innovative iron casting technologies while gaining understanding of how potential improvements in energy and material efficiency of metals casting production affect both industry and society at large.

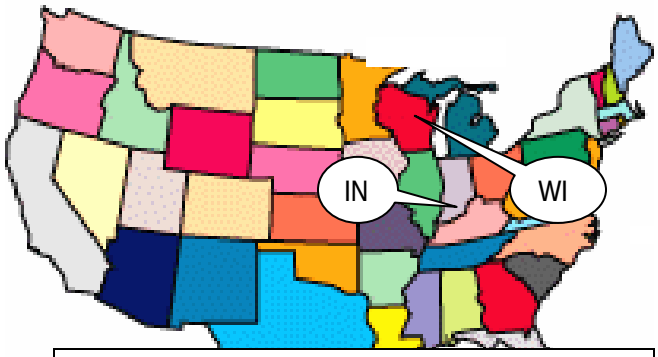
The research team includes faculty from economics, engineering, industrial ecology, material science and sociology. The team's collaborative efforts will foster innovation and learning across disciplines to further the goals of environmental improvement, energy efficiency and material efficiency in the metal casting industry.

R&D

...FNI continues to experiment with Penn State University and University of WI-Platteville to improve techniques for acoustic stimulation and degassing of molten metal.

...Watch for the next newsletter that will feature a summary of a paper for the Society of Petroleum Engineers to be presented by Dr. Paulsen in Sept 2005 at Morgantown, WVA.

Where in the World is Sonoperoxone®?



Two new Sonoperoxone(R) Systems Fall 2005