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FOR IMMEDIATE RELEASE

NanoSteel® Launches Screen Product Line for Coal Fired Power Plants

Screens Incorporate Proprietary, Patented Coating to Enhance SCR Catalyst Life and Performance

PROVIDENCE, R.I. (Monday, August 9, 2010) – The NanoSteel® Company, a leader in surface coating technologies, announces the launch of the company's LPA Screen product line which extends SCR catalyst service life through enhanced protection from bed plugging by reliable screening of Large Particle Ash (LPA).

NanoSteel LPA Screens feature the company's patented Super Hard Steel® (SHS) 8000 ultra low wear thermal spray coating alloy which can more than double screen life. SHS 8000 features a nanoscale microstructure which provides a unique combination of high hardness and toughness properties resulting in superior erosion resistance, high coating bond strength and the ability to deform with the screen substrate material upon impact without chipping, cracking or delaminating.

"NanoSteel SHS 8000 is a proven thermal spray coating material in power generation for protecting boiler tubes and components in dry scrubber units," says Dave Paratore, president and CEO. "We are expanding this material's use for operators/owners of coal plants with SCR systems to increase the life of the SCR catalyst. Our new LPA screens maintain their geometry longer than other screen products which prevents ash build up from causing expensive damage to the SCR reactor and catalyst layers. In addition, by protecting the catalyst bed from LPA contamination, ammonia slippage will be minimized, resulting in lower operating costs and overall lower NOx emissions."

NanoSteel LPA Screens are engineered to fit existing or new screen systems. NanoSteel can deliver ready-to-install LPA screens built to print or dimensions, in various design patterns and in any size.

The NanoSteel Company, Inc., headquartered in Providence, R.I., designs and sells a portfolio of patented nanostructured alloys for thermal spray coating and weld overlay for hardfacing and wear plate applications. NanoSteel's Super Hard Steel alloys feature a very unique combination of high hardness and high toughness properties which results in exceptional resistance to corrosion, erosion, impact and wear in a wide range of complex service environments. NanoSteel alloys are for use in power generation, mining, cement, concrete and oil & gas industries. For additional information, visit www.nanosteelco.com, e-mail NanoSteel at info@nanosteelco.com or call toll free 1-877-293-NANO.

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