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CONTACT: Karl Swanson
BroadBeam Sales Specialist
PCT Engineered Systems
O: +1 (563) 285-7411 ext. 4446
C: +1 (563) 343-9056
KESwanson@TeamPCT.com
www.TeamPCT.com

PCT Engineered Systems and Fusion UV Systems to Promote Dual EB/UV Solutions to the Coil Coating Industry

DAVENPORT, IA, May 20, 2010 - PCT Engineered Systems and Fusion UV Systems, Inc. announce new pilot line capabilities available to the Coil Coating Industry. PCT will place Fusion's UV lamp systems on their electron beam (EB) pilot line to give the coil coating companies and their coating suppliers the ability to apply and cure radiation cured (UV & EB) coatings at production speeds. This will be the first pilot line available to the entire industry in the world. The pilot line is located at PCT Engineered Systems in Davenport, IA.

It has been reported in various coil industry presentations that UV + EB cured coil coatings have the ability to reduce natural gas consumption by 95%, electricity consumption by 60%, CO2 emissions by 90%, and VOCs by 90%. These figures have spurred interest and development by the industry. Lack of an available pilot line was identified as a critical factor to holding back the development, and subsequent adoption, of this technology. It is expected that in addition to PCT and Fusion, the pilot line will also be used to develop data under various curing conditions by the other stakeholders in the industry. It is further expected, that data generated on the pilot line will be used as the basis for future technical papers and industry articles.

Fusion UV Systems – the global leader in industrial ultraviolet (UV) curing solutions, and PCT Engineered Systems – the technology leader in electron beam (EB) curing solutions, announces their recent agreement to work together on promoting dual (UV/EB) energy curing technology solutions to the coil coating industry.

According to David Harbourne, President of Fusion UV Systems, Inc., “We have spent many years developing and supporting UV curing technology solutions for the coil industry. It was clear that the coil coating industry, coating manufacturers and raw material suppliers desired a pilot line with UV/EB capability to speed development and adoption of radiation energy curing solutions. With this in mind, it was natural for the two leading companies in each technology to work together. This agreement demonstrates that UV and EB curing technologies are complementary to each other rather than competitive.”

Terry Thompson, President of PCT states “PCT brings a rich history of metals industry background. When we acquired the BroadBeam electron beam technology in 2003 we immediately felt that radiation curing should be a solution for a variety of applications in metal coil coating. We are excited to be building a strong technology relationship with Fusion in both the development and marketing of this powerful dual EB and UV solution.

Having a pilot facility with both EB and UV capabilities that is capable of development at near production speeds will help increase the application of radiation energy curing solutions for the future. ”

Inquiries should be made to Karl Swanson, PCT Engineered Systems (keswanson@teampct.com and 563-285-7411 ext. 4446) or Kevin Joesel, Fusion UV Systems, (kjoesel@fusionuv.com and 248-486-7066)

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About PCT Engineered Systems, LLC

PCT provides the most innovative and reliable industrial electron beam systems available. Our ebeam equipment is used on printing presses, coating and laminating lines, coil coating lines, and a variety of specialty applications. TeamPCT also includes a highly skilled Innovation Group. We define and deliver solutions to improve manufacturing operations. Our expertise includes custom machine building, industrial automation, engineering services, and equipment fabrication.