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FOR IMMEDIATE RELEASE

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FUEL TECH AWARDED HERT™ SNCR ORDER FOR \$2.9 MILLION

WARRENVILLE, Ill., Feb. 12, 2009 – Fuel Tech, Inc. (NASDAQ: FTEK), a world leader in advanced engineering solutions for the optimization of combustion systems in utility and industrial applications, today announced receipt of a HERT™ High Energy Reagent Technology™ order for nitrogen oxide (NOx) control. Placed by an electric utility in the Northeast in response to environmental permit requirements, this \$2.9 million order covers design engineering, equipment fabrication and supply for these HERT Selective Non-Catalytic Reduction (SNCR) systems, which will be installed on multiple coal-fired units at a single power generation site. Equipment deliveries are scheduled to commence during the third quarter of 2009.

“We are very pleased to be announcing this HERT SNCR order,” commented John F. Norris Jr., President and Chief Executive Officer. “As we noted last month upon acquiring substantially all of the assets of Advanced Combustion Technology, Inc., the HERT SNCR system continues to be a highly efficient and cost effective solution for NOx control and its addition to our product portfolio will help expand our capabilities, presence and sales potential in the air pollution control market.”

Mr. Norris concluded, “In addition to pursuing other opportunities with this customer, the recent favorable court ruling regarding the Clean Air Interstate Rule (CAIR) has produced a definite pick-up in quotation activity for NOx control projects and we are in ongoing discussions with a number of other prospective customers regarding our entire suite of NOx control related technologies.”

About Fuel Tech

Fuel Tech is a leading technology company engaged in the worldwide development, commercialization and application of state-of-the-art proprietary technologies for air pollution

control, process optimization, and advanced engineering services. These technologies enable customers to produce both energy and processed materials in a cost-effective and environmentally sustainable manner.

The Company's nitrogen oxide (NO_x) reduction technologies include advanced combustion modification techniques - such as low NO_x burners and overfire air systems - and post-combustion NO_x control approaches, including NO_xOUT[®] and HERT[™] SNCR systems as well as systems that incorporate NO_xOUT CASCADE[®], NO_xOUT ULTRA[®], Rich Reagent Injection (RRI) and NO_xOUT-SCR[®] processes. These technologies have established Fuel Tech as a leader in NO_x reduction, with installations on over 550 units worldwide, where coal, fuel oil, natural gas, municipal waste, biomass, and other fuels are utilized.

The Company's FUEL CHEM[®] technology revolves around the unique application of chemicals to improve the efficiency, reliability, fuel flexibility and environmental status of combustion units by controlling slagging, fouling, corrosion, opacity and acid plume, as well as the formation of sulfur trioxide, ammonium bisulfate, particulate matter (PM_{2.5}), carbon dioxide and NO_x. This technology, in the form of a customizable FUEL CHEM program, is being applied to over 95 combustion units burning a wide variety of fuels including coal, heavy oil, biomass, and municipal waste. A breakdown of the nature of these customer units is posted on the Company's website.

Fuel Tech also provides a range of combustion optimization services, including airflow testing, coal flow testing and boiler tuning, as well as services to help optimize selective catalytic reduction system performance, including catalyst management services and ammonia injection grid tuning. In addition, flow corrective devices and physical and computational modeling services are available to optimize flue gas distribution and mixing in both power plant and industrial applications.

Many of Fuel Tech's products and services rely heavily on the Company's exceptional Computational Fluid Dynamics modeling capabilities, which are enhanced by internally developed, high-end visualization software. These capabilities, coupled with the Company's innovative technologies and multi-disciplined team approach, enable Fuel Tech to provide practical solutions to some of our customers' most challenging problems. For more information, visit Fuel Tech's web site at www.ftek.com.

This press release may contain statements of a forward-looking nature regarding future events. These statements are only predictions and actual events may differ materially. Please refer to documents that Fuel Tech files from time to time with the Securities and Exchange Commission for a discussion of certain factors that could cause actual results to differ materially from those contained in the forward-looking statements.