



CONTACT: Vincent J. Arnone  
Chief Financial Officer  
(630) 845-4500

**FOR IMMEDIATE RELEASE**

Tracy H. Krumme  
Director, Investor Relations  
(203) 425-9830

**FUEL-TECH N.V. ANNOUNCES TWO FUEL CHEM<sup>®</sup> DEMONSTRATIONS  
FROM NEW CUSTOMERS**

**STAMFORD, Conn. Dec. 19, 2005** -- Fuel-Tech N.V. (Nasdaq: FTEK), a world leader in advanced engineering solutions for the optimization of combustion systems in utility and industrial applications, today announced two FUEL CHEM<sup>®</sup> demonstration orders for the Company's proprietary Targeted In-Furnace Injection (TIFI) technology. The first demonstration is to take place on a 600 megawatt coal-fired utility boiler with a new customer located in the Southeastern U.S. The second demonstration, which is scheduled to start up before the end of the year, is to occur at a large industrial facility in the Southwestern U.S. Start-up on the utility anticipated by the middle of the first quarter of 2006.

Steven C. Argabright, President and Chief Operating Officer, commented, "We are extremely pleased to receive these demonstration orders from new customers. During 2005, we have announced 14 TIFI demonstrations, including nine on coal-fired utilities. Momentum continues to build in the FUEL CHEM business and we are optimistic that additional orders will be forthcoming from new and existing customers in the months ahead."

**About Fuel-Tech N.V.**

Fuel-Tech N.V. 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. The Company's nitrogen oxide (NOx) reduction processes, which include the NOxOUT<sup>®</sup>, NOxOUT CASCADE<sup>®</sup>, NOxOUT ULTRA<sup>®</sup>, Rich Reagent Injection (RRI) and NOxOUT SCR<sup>®</sup> technologies, have

established Fuel-Tech N.V. as a leader in post-combustion NOx control systems, which are installed on over 350 units worldwide.

New technologies that have grown out of the core NOx reduction business form the basis of the FUEL CHEM<sup>®</sup> business. FUEL CHEM technology revolves around the unique application of chemicals to improve the performance of combustion units by controlling slagging, fouling, corrosion and opacity. The Company's FUEL CHEM products are being applied to over 80 combustion units burning a wide variety of fuels including coal, heavy oil, biomass, and municipal waste. Both the NOx reduction and FUEL CHEM businesses rely heavily on the Company's exceptional Computational Fluid Dynamics modeling skills, which are enhanced by internally developed, high-end visualization software. For more information, visit Fuel-Tech N.V.'s web site at [www.fueltechnv.com](http://www.fueltechnv.com).

*This press release contains 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*