



FOR IMMEDIATE RELEASE

Contact:

Sarah Berger

805-383-9711

sberger@safersystem.com

SAFER Systems Awarded Patent for Advanced Back Calculation

--ABC algorithm revolutionizes release rate estimation, providing emergency responders with an unprecedented level of accuracy--

Camarillo, Calif.–September 22, 2004—SAFER Systems, LLC, the recognized global leader in chemical emergency management software, announced today that the United States Patent Office has awarded two SAFER employees a patent for the “Estimation of Toxic Substance Release”. The product, which SAFER has named Advanced Back Calculation (ABC), estimates the release rate of a chemical during an event. Determining the release rate has long been considered the “Achilles Heel” of chemical dispersion modeling, and now, with SAFER Systems’ exclusive ABC algorithm, such information can be obtained quickly and accurately.

“SAFER Systems has always strived to be at the forefront of chemical dispersion modeling,” stated Dr. Shahryar Khajehnajafi, SAFER’s Chief Modeling Engineer and co-Inventor of ABC technology. “With the development of Advanced Back Calculation, SAFER has pioneered a technology that sets us apart from all others.”

Vice President of Engineering and co-inventor, Ernest J. Gilbert, explained that “Advanced Back Calculation, combined with wireless gas monitoring and weather station data computes the release rate and creates the ability to rapidly deploy and monitor an event anywhere and anytime. The combination of technologies provides an enhanced picture of what is actually occurring, including the toxicological effects, and clarifies the best course of action. By providing an accurate prediction of the path of the plume, incident commanders are able to focus on what is most important, preventing injuries and saving lives.”

SAFER Systems continues to epitomize technological leadership by providing this level of sophistication and response capability. The algorithm is already in use at major industrial sites worldwide, as well as by government organizations and all Class I railroads in North America. SAFER Systems has also joined

with other technology partners, using the concept to create a new standard for Rapid Deployment capability. This important technology is the backbone for SAFER's release rate estimation software, and is commercially available as Advanced Back Calculation (ABC).

About SAFER Systems

SAFER Systems is the recognized global leader in chemical emergency management software and has been for the past twenty-five years. SAFER provides global 500 corporations and government entities with a comprehensive network of emergency response management, safety analysis, and engineering software tools. SAFER Systems software is used to track and predict toxic gases (inside and outside of buildings), along with fires and explosions, in the chemical, petrochemical, refining, pulp & paper, pharmaceutical and transportation industries. Using weather data, gas sensors, GIS, terrain, and population data, along with the chemical and physical properties of any given chemical, SAFER software is used in responding to emergency situations, saving lives through early warning. SAFER software is also routinely used for safety/security planning, training, education, emission and odor management, engineering analysis, public relations, and in many other day-to-day applications by the safety, security, and environmental leadership of each plant site. For more information, please visit www.safersystem.com.

###