

Steven M. Baldrige, P.E., S.E.

Baldrige and Associates Structural Engineers, Inc.'s national prominence in the area of Protective Building Design is continuing to grow. Recent accomplishments include the following:

Todd P. Dwight, S.E.

Frank K. Humay, Ph.D., S.E.

Chad H. Nakamoto, S.E.

Evan A. Mizue, S.E.

Rebecca A. Yee, P.E.

Kevin M. Smith

Tracy M. Duke

Fe O. Rodillas

Marcial J. Sialana

Woo Sung Chang

John D. Chesak, P.E.

- Steven M. Baldrige, P.E., S.E. was invited as a member of an elite group of 40 practitioners, researchers, academicians and government agency representatives to participate in the **Best Practice Guidelines for the Mitigation of Progressive Collapse Workshop** held February 17<sup>th</sup> in Washington, D.C.. This event was sponsored by the National Institute of Standards and Technology (NIST) the lead agency currently investigating the collapse at the World Trade Center.



- BASE has initiated the **first full-scale progressive collapse** test of a multi-story building. Working with the Defense Threat Reduction Agency (DTRA) and members of Department of Defense's Technical Support Working Group (TSWG) the tests will involve the catastrophic removal of critical load supporting members of the existing building. The failure modes of the structure will then be compared to the analytical predictions.



- Our expertise has also been recognized by the **Concrete Reinforcing Steel Institute** (CRSI). CRSI supports an extensive marketing and promotion effort, as well as research and engineering support for the safe and proper use of materials in reinforced concrete construction. CRSI has retained our office to prepare for publication **Concrete and Secure Buildings For Practicing Engineers** which will be made available to their 23,000 architect and engineer members nationwide.
- Additional new Anti-Terrorism Force Protection design work includes reviews of **Entry Control Facilities** for military bases on the mainland and **Blast Resistant Glazing** upgrades at Hickam AFB.

*BASE is committed to excellence regarding the principles behind designing secure buildings for a safer environment.*