

Thursday, January 27, 2011

Infinity Tower Excavation Collapse, Dubai, U.A.E.



William H. Walton, PE, SE
Vice President, GEI Consultants, Inc., Chicago, IL

Radisson Hotel, 200 Stuart Street, Boston
5:30 PM Registration; 6:30 PM Dinner; 7:15 PM Presentation

\$55 Members, \$65 Non-Members
\$45 Public Sector Members, \$55 Public Sector Non-Members
\$40 Senior Members (65+), \$25 Student Members

The excavation for the 80-floor Infinity Tower in Dubai, U.A.E. was nearing completion when the supervision team noticed a slight movement and cracks in the diaphragm wall adjacent to the Dubai Marina. Management ordered an immediate evacuation of the site and nearly 100 workers escaped. The diaphragm wall crumbled within two minutes of cracks being noticed, and the excavation was completely flooded within four minutes.

Mr. Walton was the Principal Engineer responsible for the root cause failure analysis for the 22-meter- deep excavation retained by a slurry wall with earth anchors and corner bracing. He also led the remedial shoring designs to restore the excavation. The unique, twisting 1,000-foot-high tower has now been completed.

Registration Deadline: Friday, January 21, 2011

Information/Registration: Register to attend this meeting and pay by credit card online at www.bsces.org. Search for this program under **Events**. Click on **Events** then **BSCES Events**; click on the link for a complete listing of **BSCES Events**; select **BSCES** from the drop-down list below Association, enter From and To dates below Date Range and click on **search**; locate and click on the event name and detailed event information will appear. To register online for an event at the BSCES member rate you must login using your BSCES assigned username and password. If you do not know your BSCES member login information, contact Rich Keenan at 617/305-4110. To process your online payment the billing name and address must match the name and address of the credit card you are using. If you have difficulties registering online contact Faye Nelson at 617/305-4104 or fnelson@engineers.org. You can also register by contacting Collette Hathaway of GEI at chathaway@geiconsultants.com. If you have any dietary restrictions, please e-mail that information to Collette Hathaway. Cancellations received after January 21 and no-shows will be billed.