



Non-Structural Mitigation for Earthquakes Workshop

April 23, 2009

MLGW Joyce M. Blackmon Training Center
Memphis, Tennessee



FEMA

GENERAL INFORMATION

On April 18, 2008, a magnitude 5.2 earthquake struck near Mt. Carmel, Illinois. This earthquake was felt in 16 states by over 40,000 people, according to the USGS. Since January of 2008, there have been nearly 300 earthquakes in the central United States, some of which were also felt over a large area of the region.

When and where the next one will occur, and how large it will be, are questions which are difficult, if not impossible, to answer with any certainty, but reducing the vulnerability from damages is possible.

Even during smaller sized earthquakes, non-structural components of buildings and structures can cause injury and/or varying amounts of damage. Components such as HVAC, mechanical and electrical, shelving, filing systems, parapets, computer systems, and more, are all susceptible to damage if not properly secured. By using sound, cost effective mitigation techniques, these losses can be reduced, and in some cases eliminated.

The Central U.S. Earthquake Consortium and its sponsoring partners are pleased to invite you to a one day workshop on the basic principles of non-structural mitigation for earthquakes.

Workshop will include topics and speakers on:

Earthquake Hazard Overview
Earthquake Program Overview
Structural Basics

Non-Structural Elements & Hazards
Non-Structural Mitigation Projects
Funding and Grant Sources

This workshop is being sponsored in partnership with the Central U.S. Earthquake Consortium, the Tennessee Emergency Management Agency, the Motorola Foundation, Memphis Light, Gas, & Water, and the Federal Emergency Management Agency.

REGISTRATION INFORMATION

Please pre-register for this workshop. Participant space is limited and openings are on a first come, first serve basis. Registration must be completed prior to April 17, 2009. There is no registration fee for the workshop. Registration can be completed online (preferred method), or by email, fax, or postal mail.

Online Registration

<http://register.cusec.org>

Email Your Registration

bblake@cusec.org

Fax Your Registration

(901) 544-0544

Mail Your Registration

NSM Registration - c/o CUSEC
2630 E. Holmes Rd.
Memphis, TN 38118
Phone: (800) 824-5817

Name: _____

Title: _____

Organization: _____

Address: _____

City: _____

State: _____ Zip: _____

Phone: _____

Email: _____

For additional workshop information, contact:

Brian Blake, Program Coordinator
Central U.S. Earthquake Consortium
Phone: (901) 544-3570

LOGISTICAL INFORMATION

Registration Fees

There is no charge for this workshop. Course materials are being provided under a grant from the Motorola Foundation.

Date, Time, & Location

April 23, 2009

9:00 a.m. - 5:00 p.m.

Registration begins at 8:30 a.m.

MLGW Joyce M. Blackmon Training Center
4949 Raleigh-LaGrange Road
Memphis, Tennessee

Suggested Local Hotels

Near Poplar Avenue and I-240:

Embassy Suites: (901) 684-1777

Hampton Inn and Suites: (901) 762-0056

Holiday Inn Select: (901) 682-7881

Hilton Memphis: (901) 684-6664

Instructors

- Michael J. Griffin, P.E. - *CCS Group, Inc.*
- Gary Patterson - *Center for Earthquake Research & Information*



This example of non-structural damage is common after earthquakes of even moderate size - © FEMA File Photo