

**ATC-20
Post Earthquake Safety Evaluation
of Buildings will be conducted at:**

**DeSoto County EMA
Emergency Operations Center
830 Old Hwy. 51
Nesbit, Mississippi 38651**

May 14, 2004

Sponsored by -

The Center for Community Earthquake Preparedness (CCEP)

Desoto County Emergency Management Agency

Mississippi Emergency Management Agency (MEMA)

Central United States Earthquake Consortium (CUSEC)

Federal Emergency Management Agency Region IV (FEMA)

About This Course

When earthquakes or other catastrophic disasters strike a community, there is an immediate need for damage inspections throughout affected areas. People need to avoid using unsafe buildings, and safe shelter must be provided for those left homeless. It is essential that qualified professional building evaluation personnel quickly identify structures that are safe for reentry and those which must be avoided.

Regular building inspection officials may become overloaded instantly and need help. Under such emergency conditions, qualified volunteer inspectors, including architects, professional engineers, building inspectors and certain other qualified design and construction professionals can assist by performing crucial post-earthquake safety evaluations of damaged structures.

Volunteers who attend this course will receive the SAVE inspector qualification training for inspecting disaster-damaged buildings; credentials to become a SAVE team member (if eligible & willing), and a field manual to guide their future work. A panel of professional earthquake and structural experts has approved all training materials used in this course. During the training, procedures and documents are presented which promote uniformity in the rating of building damages so that different individuals examining the same building will arrive at the same conclusions about the relative safety of the structures inspected.

ATC-20

Post Earthquake Safety Evaluation of Buildings

May 14, 2004

**DeSoto County EMA
830 Old Hwy. 51 North
Nesbit, Mississippi 38651**



Presented By:

**The Central United States
Earthquake Consortium**

Program

- 8:00 Introductions and Welcome
- 8:05 Earthquake 101 Review
- 8:40 Structural Basics
- 9:15 Steel Frame
- 9:30 **Break**
- 9:40 Concrete
- 10:25 Wood Frame
- 10:45 **Break**
- 10:55 Masonry
- 11:25 Non-Structural Hazards
- 11:45 **Lunch**
- 1:00 FEMA 154 Rapid Visual Screening (RVS)
- 2:00 **Break**
- 2:10 ATC-21, Post-Earthquake Safety Evaluation of Structures
- 2:50 Hazardous Materials & Field Safety
- 3:30 Discussions / Questions & Closing comments

Who Should Attend

Individuals who are willing to volunteer for emergency deployment, such as professional engineers, architects, and building inspectors and have at least 5 years of experience in general building design, construction, or inspection.

Registration Information

Class size limited to 30 students. There is a \$25.00 registration fee for this course. Fee covers course materials and refreshments. Registration fee must be received by Friday May 7, 2004.

Send registration form and payment via one of the following methods –

Fax registration to -
(901) 544-0544

Mail payment to -
CUSEC
2630 E. Holmes Rd.
Memphis, TN 38118

Email registration to -
bblake@cusec.org

FOR FURTHER INFORMATION

Contact:
John Cartwright, Earthquake Program Manager
Mississippi Emergency Management Agency
1410 Riverside Drive Jackson, MS 39202
(601) 366-2879

jcartwright@msema.org

or
Brian Blake
Central U.S. Earthquake Consortium
2630 E. Holmes Rd. Memphis, TN 38118
(901) 544-3570

bblake@cusec.org

Registration Form

NAME: _____

JOB TITLE: _____

ORGANIZATION: _____

ADDRESS: _____

PHONE: _____

EMAIL: _____

Directions :

From Memphis – Take I-55 South into Mississippi and take the Nesbit/Pleasant Hill Exit (approx. 6 miles from the stateline). Turn *right* on Nesbit Road at the off ramp, and immediately turn right onto Old Highway 51 (just before the small drive-thru restaurant). DeSoto County EMA is the first commercial building on the right. Call 662-429-1359 if you are lost or need other directions.

