



ATC 20 Post Earthquake Safety Evaluation of Buildings

June 12, 2006
Little Rock, Arkansas



Sponsored by
**Central United States
Earthquake Consortium**

Instructed by
Dr. Chris L. Mullen, P.E.

Post Earthquake Safety Evaluation of Buildings will be conducted at the:

Arkansas Electric Cooperative Corp.
Little Rock, Arkansas
June 12, 2006

About This Course

When earthquake disaster strikes a community, there is an immediate need for damage inspections throughout the affected areas. People need to be kept from using unsafe buildings, and safe shelter must be provided for those left homeless. It is essential that qualified building inspectors quickly identify structures that are safe for re-entry and those that must be avoided. Regular building inspection officials may become overloaded instantly and require additional help.

Under such emergency conditions, qualified volunteer inspectors, including architects, engineers, and building inspectors are needed from unaffected regions and certain other qualified design and construction professionals can provide help with the post earthquake safety evaluations. These volunteers will typically be activated through a pre-existing agreement with state and local emergency management officials.

Attendees of this course will receive inspector qualification training, experience to become a team member for inspecting earthquake damaged buildings, and a field manual to guide their future work. A panel of

earthquake and structural experts and building officials has approved all training materials used in this course. During the course, 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 conclusion about its relative safety.

Who Should Attend

Individuals with at least 5 years of experience in general building design, construction, or inspection that are willing to volunteer as state building inspectors after a disaster.

Co-Sponsored by:



FEMA



Arkansas Electric
Cooperative Corp.

ASCE
American Society of Civil Engineers
Arkansas Chapter

Course Outline

- 8:15 Introductions and Welcome
Earthquake 101 Review
Structural Basics
Steel Frame
- 9:30 *Break*
- 9:45 Concrete
Wood Frame
- 10:45 *Break*
- 11:00 Masonry
Non-Structural Hazards
- 12:00 *Lunch*
- 1:00 FEMA 154: Rapid Visual Screening
ATC20: Post-Earthquake Safety
Evaluation of Structures
- 2:30 *Break*
- 2:45 ATC20: Post-Earthquake Safety
Evaluation of Structures *continued*
Hazardous Materials & Field Safety
2005 Hurricane Season Experience
- 4:00 Discussions / Questions & Closing
Comments
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Certificates of completion will be offered at the end of the course. Continuing Education Units will be offered to participants who are interested.

Registration Information

Please pre-register for this course. Participant space is limited, and openings are on a first come, first serve basis. Please complete registration by June 7, 2006.

FAX - (901) 544-0544

MAIL -
ATC20 - c/o CUSEC
2630 E. Holmes Road
Memphis, TN 38118

E-MAIL - bblake@cusec.org

COURSE LOCATION

Arkansas Electric Cooperative Corp.
1 Cooperative Way
Little Rock, AR 72209

DIRECTIONS

Directions: From Interstate 30 (south of Little Rock), take Exit 134, Scott Hamilton Drive and go south about one block to Cooperative Way. Head west on Cooperative Way to end.

SUGGESTED LOCAL HOTEL

Hampton Inn Little Rock I-30
6100 Mitchell Drive
Little Rock, AR 72209
Phone: (501) 562-6667
Please call for rates & availability

REGISTRATION FEES

There is a \$25.00 fee for materials provided payable onsite or before the class begins. Make Checks or Purchase Orders out to the Central United States Earthquake Consortium or CUSEC.

Registration Form

Type or write your information into the form below

Name	
Title	
Organization	
Address	
City, State Zip	
Phone	
Email	

FOR FURTHER INFORMATION

Brian Blake
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Phone: (800) 824-5817
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or

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