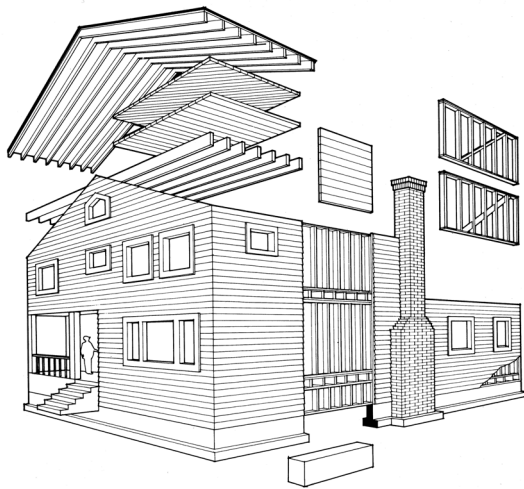


ATC-50 SEMINAR ON SEISMIC EVALUATION, GRADING AND REHABILITATION OF SINGLE-FAMILY WOOD-FRAME DWELLINGS



ATC Sponsored by:
Applied Technology Council



**Los Angeles Department
of Building and Safety**

January 17th, 2002, 9 a.m. to 5 p.m.
(Registration 8:00 a.m. to 9:00 a.m.)

Wyndham Hotel
City of Commerce, California

*Program and
Registration Information*

SEMINAR ON SEISMIC EVALUATION, GRADING AND REHABILITATION OF SINGLE-FAMILY WOOD-FRAME DWELLINGS

Los Angeles • January 17, 2002

The Purpose of the Seminar is to provide participants with detailed information about the ATC-50 seismic evaluation, grading and rehabilitation procedures, including an overview of the pilot testing phase of the project in which 500 buildings were evaluated and graded using preliminary versions of the procedures, and 50 homes were retrofitted.

Seminar Program. The one-day seminar program includes plenary sessions and break-out sessions to provide a more conducive environment for questions and discussions about the new ATC-50 procedures.

Topics include:

- the ATC-50 *Seismic Evaluation and Grading Procedures*,
- the ATC-50-1 *Seismic Rehabilitation Guidelines*, and
- incentives for homeowners to participate voluntarily in the program (ATC-50-2 report, *Safe at Home in Earthquakes: A New Earthquake Safety Program*).

Who should Attend. The program has been developed for building inspectors, contractors, structural design professionals, building officials, and representatives of insurance companies and financial institutions.

Seminar Location

Wyndham Hotel
5757 Telegraph Road
City of Commerce, California 90040
Phone: 1-800-784-1180



Sponsoring Organizations

APPLIED TECHNOLOGY COUNCIL

555 Twin Dolphin Drive, Suite 550

Redwood City, California 94065

Phone: 650-595-1542

Fax: 650-593-2320

CITY OF LOS ANGELES,
DEPARTMENT OF BUILDING
AND SAFETY

201 N. Figueroa Street

Los Angeles, California 90012

Phone: 213-977-6380



Financial Sponsors

CALIFORNIA OFFICE OF EMERGENCY SERVICES
FEDERAL EMERGENCY MANAGEMENT AGENCY
U.S. DEPARTMENT OF HOUSING AND URBAN
DEVELOPMENT

Registration Information. The registration fee is \$150 (\$120 for ATC Subscribers) and covers copies of the ATC-50, ATC-50-1, and ATC-50-2 reports, lunch, and coffee breaks. A late fee of \$25 will be imposed on paid registrations postmarked or faxed after January 7, 2002. Persons interested in registering should complete, detach, and submit the Registration Form to ATC.

Seminar Cancellation Policy. Registrations cancelled 1 month before the seminar will be fully refunded.

Cancellations between 1 month and 1 week before the seminar will be subject to the \$25 late registration fee. Within 7 days of the seminar, no refunds will be given.

Continuing Education Units (CEUs). Participants will receive documentation for 0.8 CEUs or 8 equivalent hours.

AIA Credits. ATC is in the process of obtaining American Institute of Architects Continuing Education certification and may be authorized to offer AIA credits for this seminar.



Current information about the ATC-50 Seminar may also be found online at: www.atccouncil.org

THURSDAY, JANUARY 17, 2002

8:00 a.m. - 9:00 a.m.: Seminar Registration

PLENARY SESSION

9:00 a.m.: Welcome and Introductions;

Andrew A. Adelman, City of Los Angeles;
Christopher Rojahn, Applied Technology Council

Purpose, agenda, handouts, companion volumes.

9:10 a.m.: Project Overview and Challenges;

Ronald Eguchi, ImageCat, Inc.;
Susan Dowty, S.K. Ghosh Associates, Inc.

9:40 a.m.: ATC-50 Rating Methodology and Simplified Seismic Assessment Form;

David Breiholz and Shafat Qazi, BQE, Inc.

10:40 a.m.: Break

11:00 a.m.: ATC-50-1 Seismic Rehabilitation Guidelines: An Overview;

Robert Bruce, Wiss, Janney, Elstner Associates, Inc.

NOON: Lunch

BREAKOUT SESSIONS

Sessions A & B given twice in afternoon with a break in between.

1:15 p.m.: Breakout Sessions I

Session A: Inspections

Use of Simplified Seismic Assessment Form (including retrofit decisions)

David Breiholz and Shafat Qazi, BQE, Inc.

Examples and Case Studies

Eric Stovner, Thornton-Tomasetti/Coil and Welsh, LZA

Session B: Rehabilitation Guidelines

Use of Guidelines

Robert Bruce, Wiss, Janney, Elstner Associates, Inc.

Examples and Case Studies

Terry Stern, Stern's Construction; Fred Cohen, Avalin Design & Construction Co.

2:15 p.m.: Break (Transition)

Those attending Session A or B at 1:15 p.m. now have the opportunity to attend the alternate session, both of which will be repeated at 2:30 p.m.

2:30 p.m.: Breakout Sessions II

Session A: Inspections

Use of Simplified Seismic Assessment Form (including retrofit decisions)

David Breiholz and Shafat Qazi, BQE, Inc.

Examples and Case Studies

Eric Stovner, Thornton-Tomasetti/Coil and Welsh, LZA

Session B: Rehabilitation Guidelines

Use of Guidelines

Robert Bruce, Wiss, Janney, Elstner Associates, Inc.

Examples and Case Studies

Terry Stern, Stern's Construction; Fred Cohen, Avalin Design & Construction Co.

3:30 p.m.: Transition

PANEL SESSION

3:50 p.m.: Future Use of ATC-50 by City of Los Angeles;

Nick Delli Quadri and Perry Singerman, City of Los Angeles; Thomas Tobin, Tobin and Associates

CLOSING SESSION

4:30 p.m.: Certification Examinations;

Dave Nelson, International Conference of Building Officials

4:45 p.m.: Question and Answer Period; Closing Comments;

Christopher Rojahn, Applied Technology Council

5:00 p.m.: Adjournment.

ATC-50 SEMINAR HANDOUTS

ATC-50: Seismic Evaluation and Grading Procedures, which enable an inspector to evaluate a detached single-family wood-frame dwelling and assign, using a four-page Simplified Seismic Assessment Form, a seismic grade, ranging from A through D. (Each grade represents an expected range of damage, expressed as a percentage of replacement cost, should the dwelling be subjected to severe earthquake ground shaking.)

ATC-50-1: Seismic Rehabilitation Guidelines, which provide prescriptive methods, simplified engineering methods, and fully engineered methods that, if implemented, allow the homeowner to improve the seismic grade. The guidelines also include basics of wood-frame house construction and seismic resistance, recommend a process to be followed in making preliminary rehabilitation decisions, provide guidance pertaining to the Los Angeles Cripple Wall provisions, and address the seismic rehabilitation of nonstructural building components.

ATC-50-2: Safe at Home in Earthquakes: A New Earthquake Safety Program, providing guidance on how to develop and implement a market-driven, incentives-based program to induce homeowner use of earthquake performance evaluation forms and rehabilitation guidelines produced by the ATC-50 Project. Success is predicated on creating commercial interest in promoting evaluations and retrofits, creating a demand by homeowners, home buyers, lenders and insurers for evaluations and improved earthquake performance. Incentives and other market-making mechanisms are described, and roles for government and private organizations for a coordinated and long-term program are recommended.

ATC-50 SEMINAR REGISTRATION FORM: LOS ANGELES, CALIFORNIA

NAME(S) _____
ORGANIZATION _____
ADDRESS _____
CITY/STATE/ZIP CODE _____
BUSINESS PHONE _____ FAX NUMBER _____
Seminar Registration Fee: \$150 per registrant (\$120 for ATC Subscribers) \$ _____
 Please enroll me as an ATC Subscriber (25.00 per year, individual rate) \$ _____
Late Registration Fee: add \$25 per registrant (if postmarked or faxed after January 7, 2002) \$ _____
TOTAL ENCLOSED \$ _____

Payment may be made by check or credit card (MasterCard or VISA). If paying by credit card, please provide the following information: MasterCard VISA # _____ Exp: _____ / _____

Name (as it appears on the card) _____

Checks should be made payable to ATC. Please mail or fax your completed form with the appropriate payment to:

Applied Technology Council, 555 Twin Dolphin Dr., Suite 550, Redwood City, CA 94065 FAX: 650/593-2320