

# Appendix A

## THE BUILDING SEISMIC SAFETY COUNCIL

The purpose of the Building Seismic Safety Council is to enhance the public's safety by providing a national forum to foster improved seismic safety provisions for use by the building community. For the purposes of the Council, the building community is taken to include all those involved in the planning, design, construction, regulation, and utilization of buildings.

To achieve its purposes, the Council shall conduct activities and provide the leadership needed to:

1. Promote development of seismic safety provisions suitable for use throughout the United States;
2. Recommend, encourage, and promote adoption of appropriate seismic safety provisions in voluntary standards and model codes;
3. Assess implementation progress by federal, state, and local regulatory and construction agencies;
4. Identify opportunities for the improvement of seismic regulations and practices and encourage public and private organizations to effect such improvements;
5. Promote the development of training and educational courses and materials for use by design professionals, builders, building regulatory officials, elected officials, industry representatives, other members of the building community and the public.
6. Provide advice to governmental bodies on their programs of research, development, and implementation; and
7. Periodically review and evaluate research findings, practice, and experience and make recommendations for incorporation into seismic design practices.

The scope of the Council's activities encompasses seismic safety of structures with explicit consideration and assessment of the social, technical, administrative, political, legal, and economic implications of its deliberations and recommendations.

Achievement of the Council's purpose is important to all in the public and private sectors. Council activities will provide an opportunity for participation by those at interest, including local, State, and Federal Government, voluntary organizations, business, industry, the design professions, the construction industry, the research community and the public. Regional and local differences in the nature and magnitude of potentially hazardous earthquake events require a flexible approach adaptable to the relative risk, resources and capabilities of each community. The Council recognizes that appropriate earthquake hazard reduction measures and initiatives should be adopted by existing organizations and institutions and incorporated into their legislation, regulations, practices, rules, codes, relief procedures and loan

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requirements, whenever possible, so that these measures and initiatives become part of established activities rather than being superposed as separate and additional.

The Council is established as a voluntary advisory, facilitative council of the National Institute of Building Sciences, a nonprofit corporation incorporated in the District of Columbia, under the authority given the Institute by the Housing and Community Development Act of 1974, (Public Law 93-383), Title VIII, in furtherance of the objectives of the Earthquake Hazards Reduction Act of 1977 (Public Law 95-124) and in support of the President's National Earthquake Hazards Reduction Program, June 22, 1978.

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ASCE, Kansas City Chapter  
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National Council of Structural Engineers Associations  
National Elevator Industry, Inc.  
National Fire Sprinkler Association  
National Institute of Building Sciences  
National Ready Mixed Concrete Association

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Portland Cement Association  
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Rack Manufacturers Institute  
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Seismic Safety Commission (California)  
Steel Deck Institute, Inc.  
Structural Engineers Association of California  
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Structural Engineers Association of Colorado  
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Structural Engineers Association of Kentucky  
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The Masonry Society  
U.S. Army CERL  
Western States Clay Products Association  
Wire Reinforcement Institute

**Affiliate Members**

Bay Area Structural, Inc.  
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## BSSC PUBLICATIONS

Available free from the Federal Emergency Management Agency at 1-800-480-2520 ( by FEMA Publication Number). For detailed information about the BSSC and its projects, contact: BSSC, 1090 Vermont Avenue, N.W., Suite 700, Washington, D.C. 20005 Phone 202-289-7800; Fax 202-289-1092; e-mail ctanner@nibs.org

### NEW BUILDINGS PUBLICATIONS

*NEHRP (National Earthquake Hazards Reduction Program) Recommended Provisions for Seismic Regulations for New Buildings*, 2003 Edition, 2 volumes and maps, FEMA 450 (issued as a CD with only limited print copies available)

*NEHRP (National Earthquake Hazards Reduction Program) Recommended Provisions for Seismic Regulations for New Buildings*, 2000 Edition, 2 volumes and maps, FEMA 368 and 369

*NEHRP Recommended Provisions: Design Examples*, 2006, FEMA 451 (issued as a CD)  
*A Nontechnical Explanation of the NEHRP Recommended Provisions*, Revised Edition, 1995, FEMA 99

*Homebuilders' Guide to Earthquake-Resistant Design and Construction*, 2006, FEMA 232  
*Seismic Considerations for Steel Storage Racks Located in Areas Accessible to the Public*. 2005, FEMA 460

*Seismic Considerations for Communities at Risk*, Revised Edition, 1995, FEMA 83

*Seismic Considerations: Apartment Buildings*, Revised Edition, 1996, FEMA 152

*Seismic Considerations: Elementary and Secondary Schools*, Revised Edition, 1990, FEMA 149

*Seismic Considerations: Health Care Facilities*, Revised Edition, 1990, FEMA 150

*Seismic Considerations: Hotels and Motels*, Revised Edition, 1990, FEMA 151

*Seismic Considerations: Office Buildings*, Revised Edition, 1996, FEMA 153

*Societal Implications: Selected Readings*, 1985, FEMA 84

### EXISTING BUILDINGS

*NEHRP Guidelines for the Seismic Rehabilitation of Buildings*, 1997, FEMA 273

*NEHRP Guidelines for the Seismic Rehabilitation of Buildings: Commentary*, 1997, FEMA 274  
*Case Studies: An Assessment of the NEHRP Guidelines for the Seismic Rehabilitation of Buildings*, 1999, FEMA 343

*Planning for Seismic Rehabilitation: Societal Issues*, 1998, FEMA 275

*Example Applications of the NEHRP Guidelines for the Seismic Rehabilitation of Buildings*, 1999, FEMA 276

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*NEHRP Handbook of Techniques for the Seismic Rehabilitation of Existing Buildings*, 1992, FEMA 172

*NEHRP Handbook for the Seismic Evaluation of Existing Buildings*, 1992, FEMA 178

*An Action Plan for Reducing Earthquake Hazards of Existing Buildings*, 1985, FEMA 90

## **MULTIHAZARD**

*An Integrated Approach to Natural Hazard Risk Mitigation*, 1995, FEMA 261/2-95

## **LIFELINES**

*Abatement of Seismic Hazards to Lifelines: An Action Plan*, 1987, FEMA 142

*Abatement of Seismic Hazards to Lifelines: Proceedings of a Workshop on Development of An Action Plan*, 6 volumes:

*Papers on Water and Sewer Lifelines*, 1987, FEMA 135

*Papers on Transportation Lifelines*, 1987, FEMA 136

*Papers on Communication Lifelines*, 1987, FEMA 137

*Papers on Power Lifelines*, 1987, FEMA 138

*Papers on Gas and Liquid Fuel Lifelines*, 1987, FEMA 139

*Papers on Political, Economic, Social, Legal, and Regulatory Issues and General Workshop Presentations*, 1987, FEMA 143

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