

(c) Any building constructed with Federal financial assistance, after July 14, 1993 must be designed and constructed in accord with seismic standards approved by the DOT operating Administration under §41.120 of this part in order to be eligible for Federal financial assistance.

(d) For buildings built with Federal financial assistance, a certification of compliance with the seismic design and construction requirements of this part is required prior to the furnishing of such assistance. Such statements of compliance may include the engineer's and architect's authenticated verifications of seismic design codes, standards, and practices used in the design and construction of the building, construction observation reports, local or state building department plan review documents, or other documents deemed appropriate by the DOT Operating Administration.

#### § 41.119 DOT regulated buildings.

(a) Each DOT Operating Administration with responsibility for regulating the structural safety of buildings and additions to existing buildings will ensure that each DOT regulated building is designed and constructed in accord with seismic design and construction standards as provided by this part.

(b) This section pertains to all new building projects for which development of detailed plans and specifications begin after July 14, 1993.

(c) Any building for which a DOT Operating Administration responsible for regulating the structural safety must comply with the seismic design and construction standards in this part.

(d) For DOT regulated buildings a certification of compliance with the seismic design and construction requirements of this part is required prior to the acceptance of the building. Such statements of compliance may include the engineer's and architect's authenticated verification of seismic design codes, standards, and practices used in the design and construction of the building, construction observation reports, local or state building department plan review documents, or other documents deemed appropriate by the DOT Operating Administration.

#### § 41.120 Acceptable model codes.

(a) This section describes the standards that must be used to meet the seismic design and construction requirements of this part.

(b)(1) The following are model codes which have been found to provide a level of seismic safety substantially equivalent to that provided by use of the 1988 National Earthquake Hazards Reduction Program (NEHRP) Recommended Provisions (Copies are available from the Office of Earthquakes and Natural Hazards, Federal Emergency Management Agency, 500 C Street, SW., Washington, DC 20472.):

(i) The 1991 International Conference of Building Officials (ICBO) Uniform Building Code, published by the International Conference of Building Officials, 5360 South Workman Mill Rd., Whittier, Cal. 90601;

(ii) The 1992 Supplement to the Building Officials and Code Administrators International (BOCA) National Building Code, published by the Building Officials and Code Administrators, 4051 West Flossmoor Rd., Country Club Hills, Ill. 60478-5795; and

(iii) The 1992 Amendments to the Southern Building Code Congress (SBCC) Standard Building Code, published by the Southern Building Code Congress International, 900 Montclair Rd., Birmingham, Ala. 35213-1206.

(2) Versions of the NEHRP seismic maps have been adopted along with the NEHRP Recommended Provisions into the BOCA National and SBCC Standard building codes. The seismic zone map in the ICBO Uniform Building Code is also based on one of the USGS maps of horizontal ground acceleration. However, the ICBO map should be used only with the ICBO code. Also, it is not appropriate to use the NEHRP maps with the ICBO Uniform Building Code, because the design requirements of building codes are keyed to the numerical values of the map they reference.

(c) Revisions to the model codes listed in paragraph (b) of this section that are substantially equivalent to or exceed the then current or immediately preceding edition of the NEHRP recommended provisions, as it is updated, may be approved by a DOT Operating Administration to meet the requirements in this part.