

the Federal Government by reason of the prior grant.

(Approved by the Office of Management and Budget under Control Number 0925-0424; expires November 30, 2001)

§ 52b.12 What are the minimum requirements of construction and equipment?

(a) *General.* In addition to being subject to other laws, regulations, executive orders, and policies referred to in § 52b.14, the standards set forth in this section have been determined by the Director to constitute minimum requirements of construction and equipment, including the expansion, remodeling, renovation, or alteration of existing buildings, and these standards, as may be amended, or any revisions or successors of these standards, shall apply to all projects for which federal assistance is requested under this part. The publications referenced in this section are hereby incorporated by reference and made a part of the regulations in this part.

(b) *Incorporation by reference.* The Director of the Federal Register approves the incorporations by reference in paragraph (c) of this section in accordance with 5 U.S.C. 552(a)(1) and 1 CFR part 51. Copies may also be obtained from the organizations at the addresses listed in paragraph (c) of this section. Copies may be inspected at the National Cancer Institute, Executive Plaza North, Room 539, 6130 Executive Boulevard, Rockville, MD 20852 (telephone 301-496-8534; not a toll-free number); the National Center for Research Services, Building 31, Room 3B11, 9000 Rockville Pike, Bethesda, MD 20892 (telephone 301-496-5793; not a toll-free number); and at the Office of the Federal Register, 800 North Capital Street, NW, Suite 700, Washington, DC. The Director may for good cause shown, approve plans and specifications which contain deviations from the requirements prescribed in paragraph (c) of this section, if the Director is satisfied that the purposes of the requirements have been fulfilled. In addition to these requirements, each project shall meet the requirements of the applicable state and local codes and ordinances relating to construction.

(c) *Design and construction standards.* The facility shall comply with the following mandatory design and construction standards:

(1) "Guidelines for Design and Construction of Hospital and Health Care Facilities" (1996-97). American Institute of Architects Academy of Architecture for Health (AIA); available from AIA Rizzoli Catalogue Sales, 117 Post Street, San Francisco, CA 94108 (telephone 1-800-522-6657, fax 415-984-0024).

(2) 1995 ASHRAE Handbook: Heating, Ventilating, and Air Conditioning Applications (1995), Chapter 13, "Laboratory Systems." American Society of Heating, Refrigerating and Air Conditioning Engineers, Inc., 1791 Tullie Circle, NE, Atlanta, GA 30329 (telephone 404-636-8400).

(3) ICBO "Uniform Building Code," Volumes 1-3 (1997). International Conference of Building Officials (ICBO), 5360 South Workman Mill Road, Whittier, CA 90601-2298 (telephone 562-699-0541 or 800-284-4406).

(4) BOCA National Building Code (1996) 1998 Supplement, Building Officials and Code Administrators International, Inc. (BOCA), 4051 West Fossmoor Road, Country Club Hills, IL 60478-5795 (telephone 708-799-4981; fax 708-799-4981).

(5) "Recommended Lateral Force Requirements and Commentary" (1996). Structural Engineers Association of California; available from International Conference of Building Officials, 5360 South Workman Mill Road, Whittier, CA 90601-2298 (telephone 562-699-0541).

(6) "Prudent Practices in the Laboratory: Handling and Disposal of Chemicals" (1995). National Research Council; available from National Academy Press, 8700 Spectrum Drive, Landover, MD 20785 (telephone 1-800-624-6242).

(7) The following material is available for purchase from the National Fire Protection Association (NFPA), 11 Tracy Drive, Avon, MA 02322-9908 (telephone 617-770-3000 or 1-800-735-0100):

(i) NFPA 45, "Standard on Protection for Laboratories Using Chemicals" (1996).

(ii) NFPA 70, "National Electric Code" (1996).

§ 52b.13

(iii) NFPA 99, Chapter 4, "Gas and Vacuum Systems" (1996).

(iv) NFPA 101, "Life Safety Code" (1997).

(v) NFPA "Health Care Facilities Handbook" (1996).

(8) NSF Standard No. 49 for Class II (Laminar Flow) Biohazard Cabinetry (1992). National Sanitation Foundation (NSF), 3475 Plymouth Road, Box 1468, Ann Arbor, MI 48106 (telephone 734-769-9010).

(9) ACGIH "Industrial Ventilation: A Manual of Recommended Practice" (1998). American Conference of Governmental Industrial Hygienists (ACGIH), 1330 Kemper Meadow Drive, Cincinnati, OH 45240-1634 (telephone 513-742-2020).

(10) AIHA "Laboratory Ventilation Workbook" (1994). American Industrial Hygiene Association (AIHA), 2700 Prosperity Avenue, Suite 250, Fairfax, VA 22031 (telephone 703-849-8888).

(11) The following material is available for purchase from the Southern Building Code Congress (SBCC), 900 Montclair Road, Birmingham, AL 35213-1206 (telephone 205-591-1853; fax 202-591-0075:

(i) SBCC "International Standard Plumbing Code" (1997).

(ii) SBCC "Standard Building Code" (1997).

§ 52b.13 Additional conditions.

The Director may with respect to any grant award impose additional conditions consistent with the regulations of this part prior to or at the time of any award when in the Director's judgment the conditions are necessary to assure or protect advancement of the approved project, the purposes of the applicable provisions of the Act, or the conservation of grant funds.

§ 52b.14 Other federal laws, regulations, executive orders, and policies that apply.

Other federal laws, regulations, executive orders, and policies apply to grants under this part. These include, but are not necessarily limited to:

(a) Laws.

An Act to Provide for the Preservation of Historical and Archeological Data (and other purposes), as amended (16 U.S.C. 469 *et seq.*).

42 CFR Ch. I (10-1-03 Edition)

Architectural Barriers Act of 1968, as amended (42 U.S.C. 4151 *et seq.*).

Earthquake Hazards Reduction Act of 1977, as amended (42 U.S.C. 7701 *et seq.*).

Flood Disaster Protection Act of 1973, section 202, as amended (42 U.S.C. 4106).

National Historic Preservation Act, section 106, as amended (16 U.S.C. 470f).

Safe Drinking Water Act, as amended (42 U.S.C. 300f *et seq.*).

(b) Regulations.

9 CFR part 3—Standards (Animal Welfare).

29 CFR 1910.1450—Occupational exposure to hazardous chemicals in laboratories.

36 CFR part 1190—Minimum guidelines and requirements for accessible design.

41 CFR part 101-19, subpart 101-19.6—Accommodations for the physically handicapped.

41 CFR part 101-19, subpart 101-19.6, Appendix A—Uniform Federal accessibility standards.

42 CFR part 50, subpart A—Responsibility of PHS awardee and applicant institutions for dealing with and reporting possible misconduct in science.

42 CFR part 50, subpart D—Public Health Service grant appeals procedure.

45 CFR part 15—Uniform relocation assistance and real property acquisition for Federal and federally assisted programs.

45 CFR part 16—Procedures of the Departmental Grant Appeals Board.

45 CFR part 46—Protection of human subjects.

45 CFR part 74—Uniform administrative requirements for awards and subawards to institutions of higher education, hospitals, other nonprofit organizations, and commercial organizations; and certain grants and agreements with states, local governments and Indian tribal governments.

45 CFR part 76—Governmentwide debarment and suspension (nonprocurement) and governmentwide requirements for drug-free workplace (grants).

45 CFR part 80—Nondiscrimination under programs receiving Federal assistance through the Department of Health and Human Services—effectuation of title VI of the Civil Rights Act of 1964.

45 CFR part 81—Practice and procedure for hearings under part 80 of this chapter.

45 CFR part 84—Nondiscrimination on the basis of handicap in programs and activities receiving Federal financial assistance.

45 CFR part 86—Nondiscrimination on the basis of sex in education programs and activities receiving or benefitting from Federal financial assistance.

45 CFR part 91—Nondiscrimination on the basis of age in HHS programs or activities receiving Federal financial assistance.

45 CFR part 92—Uniform administrative requirements for grants and cooperative agreements to State and local governments.