

under subsection (d)(2) in a substantial number of residential dwellings which are located on Federal or federally administered property where the performance and operation of such systems can be regularly and effectively observed and monitored by designated Federal personnel.

**(g) Coordination of activities to assure a realistic and effective demonstration**

The Secretary and the Secretary of Defense, and officials responsible for administering Federal or federally administered property, shall coordinate their activities under this section to assure that combined solar heating and cooling systems are installed in a substantial number of residential dwellings and in a sufficient number of geographic areas under varying climatic conditions to constitute a realistic and effective demonstration in support of the objectives of this subchapter.

(Pub. L. 93-409, § 6, Sept. 3, 1974, 88 Stat. 1072; Pub. L. 93-438, title I, § 104(f), title III, § 301(h), Oct. 11, 1974, 88 Stat. 1238, 1250; Pub. L. 95-91, title III, § 301(a), title VII, §§ 703, 707, Aug. 4, 1977, 91 Stat. 577, 606, 607; Pub. L. 100-418, title V, § 5115(c), Aug. 23, 1988, 102 Stat. 1433.)

CODIFICATION

In subsec. (d), “subchapter II of chapter 201 of title 51” substituted for “title II of the National Aeronautics and Space Act of 1958” on authority of Pub. L. 111-314, § 5(e), Dec. 18, 2010, 124 Stat. 3443, which Act enacted Title 51, National and Commercial Space Programs.

AMENDMENTS

1988—Subsec. (b)(1), (2). Pub. L. 100-418 substituted “National Institute of Standards and Technology” for “National Bureau of Standards”.

TRANSFER OF FUNCTIONS

“Secretary of Energy” substituted for “Director”, meaning Director of National Science Foundation, in subsecs. (b)(1) and (c) pursuant to sections 104(f) and 301(h) of Pub. L. 93-438, which are classified to sections 5814(f) and 5871(h) of this title and which transferred functions of National Science Foundation relating to or utilized in connection with solar heating and cooling development to Administrator of Energy Research and Development Administration, and pursuant to sections 301(a), 703, and 707 of Pub. L. 95-91, which are classified to sections 7151(a), 7293, and 7297 of this title and which terminated Energy Research and Development Administration and transferred its functions and functions of Administrator thereof (with certain exceptions) to Secretary of Energy.

**§ 5504a. Repealed. Pub. L. 96-125, title VIII, § 804(b), Nov. 26, 1979, 93 Stat. 948**

Section, Pub. L. 95-356, title VIII, § 804, Sept. 8, 1978, 92 Stat. 585, related to use of solar energy systems in military construction projects.

**§ 5505. Omitted**

CODIFICATION

Section, Pub. L. 93-409, § 7, Sept. 3, 1974, 88 Stat. 1073, authorized and directed Administrator and Secretary to prepare a comprehensive plan for conduct of development and demonstration activities under section 5503 and 5504, such plan to be transmitted to President and Congress within 120 days after Sept. 3, 1974.

**§ 5506. Test procedures and definitive performance criteria for solar heating and combined solar heating and cooling components and systems and suitable dwellings; determination, consultation and publication in Federal Register**

As soon as feasible, and utilizing data available from the demonstration programs under sections 5503 and 5504 of this title, the Secretary, utilizing the services of the Director of the National Institute of Standards and Technology and in consultation with the Administrator and the Secretary of Energy shall determine, prescribe, and publish in the Federal Register in accordance with the applicable provisions regarding rulemaking prescribed by section 553 of title 5,

(1) definitive performance criteria for solar heating and combined solar heating and cooling components and systems to be used in residential dwellings, taking into account climatic variations existing between different geographic areas;

(2) definitive performance criteria (relating to suitability for solar heating and for combined solar heating and cooling) for such dwellings, taking into account climatic variations existing between different geographic areas; and

(3) procedures whereby manufacturers of solar heating and combined solar heating and cooling components and systems shall have their products tested in order to provide certification that such products conform to the performance criteria established under paragraph (1).

(Pub. L. 93-409, § 8, Sept. 3, 1974, 88 Stat. 1073; Pub. L. 93-438, title I, § 104(f), title III, § 301(h), Oct. 11, 1974, 88 Stat. 1238, 1250; Pub. L. 95-91, title III, § 301(a), title VII, §§ 703, 707, Aug. 4, 1977, 91 Stat. 577, 606, 607; Pub. L. 100-418, title V, § 5115(c), Aug. 23, 1988, 102 Stat. 1433.)

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**§ 5507. Arrangements with Federal agencies for development and demonstration of solar heating and combined heating and cooling systems for commercial buildings**

The Administrator, in consultation with the Secretary, the Secretary of Energy, the Administrator of General Services, and the Director of