

pendix to Title 5, Government Organization and Employees.

#### § 5414. Applicability

The requirements of this chapter shall be applicable only to fasteners fabricated 180 days or more after the Secretary issues final regulations required under sections 5404, 5405, and 5407 of this title, except that the Secretary may extend such time period if the Secretary determines that an insufficient number of laboratories have been accredited to perform the volume of inspection and testing required. Upon any such extension, and every 6 months thereafter during such extension, the Secretary shall submit a report to the Congress explaining the reasons for such extension and the steps being taken to ensure the accreditation of a sufficient number of laboratories.

(Pub. L. 101-592, §15, Nov. 16, 1990, 104 Stat. 2952.)

### CHAPTER 81—HIGH-PERFORMANCE COMPUTING

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#### § 5501. Findings

The Congress finds the following:

(1) Advances in computer science and technology are vital to the Nation's prosperity, national and economic security, industrial production, engineering, and scientific advancement.

(2) The United States currently leads the world in the development and use of high-performance computing for national security, industrial productivity, science, and engineering, but that lead is being challenged by foreign competitors.

(3) Further research and development, expanded educational programs, improved computer research networks, and more effective technology transfer from government to industry are necessary for the United States to reap fully the benefits of high-performance computing.

(4) A high-capacity and high-speed national research and education computer network would provide researchers and educators with access to computer and information resources and act as a test bed for further research and development of high-capacity and high-speed computer networks.

(5) Several Federal agencies have ongoing high-performance computing programs, but improved long-term interagency coordination, cooperation, and planning would enhance the effectiveness of these programs.

(6) A 1991 report entitled "Grand Challenges: High-Performance Computing and Communications" by the Office of Science and Technology Policy, outlining a research and development strategy for high-performance computing, provides a framework for a multi-agency high-performance computing program. Such a program would provide American researchers and educators with the computer and information resources they need, and demonstrate how advanced computers, high-capacity and high-speed networks, and electronic data bases can improve the national information infrastructure for use by all Americans.

(Pub. L. 102-194, §2, Dec. 9, 1991, 105 Stat. 1594.)

#### SHORT TITLE

Section 1 of Pub. L. 102-194 provided that: "This Act [enacting this chapter] may be cited as the 'High-Performance Computing Act of 1991'."

#### § 5502. Purpose

The purpose of this chapter is to help ensure the continued leadership of the United States in high-performance computing and its applications by—

(1) expanding Federal support for research, development, and application of high-performance computing in order to—