

103^D CONGRESS
1ST SESSION

H. R. 3476

To amend the National Science and Technology Policy, Organization, and
Priorities Act of 1976, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

NOVEMBER 9, 1993

Mr. BOUCHER (for himself, Mr. BROWN of California, and Mr. BOEHLERT)
introduced the following bill; which was referred to the Committee on
Science, Space, and Technology

A BILL

To amend the National Science and Technology Policy, Orga-
nization, and Priorities Act of 1976, and for other
purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “National Science and
5 Technology Policy, Organization, and Priorities Act
6 Amendments of 1993”.

1 **SEC. 2. POLICY AND PRIORITIES.**

2 (a) FINDINGS.—Section 101 of the National Science
3 and Technology Policy, Organization, and Priorities Act
4 of 1976 (42 U.S.C. 6601) is amended—

5 (1) in subsection (a)(5), by striking “man-
6 power” and inserting in lieu thereof “human re-
7 source”; and

8 (2) in subsection (b)(1), by striking “man and
9 his universe” and inserting in lieu thereof “humans
10 and their universe”.

11 (b) DECLARATION OF POLICY.—Section 102 of the
12 National Science and Technology Policy, Organization,
13 and Priorities Act of 1976 (42 U.S.C. 6602) is amended—

14 (1) in subsection (a)—

15 (A) by redesignating paragraphs (2)
16 through (6) as paragraphs (3) through (7), re-
17 spectively; and

18 (B) by inserting after paragraph (1) the
19 following new paragraph:

20 “(2) The United States should be among the
21 world leaders in all major areas of science, and
22 should maintain clear leadership in selected major
23 areas of science. The decision to select a field for
24 clear leadership should be based on the societal goals
25 identified under section 205(c)(2).”;

26 (2) in subsection (b)—

1 (A) by redesignating paragraphs (2)
2 through (6) as paragraphs (3) through (7), re-
3 spectively;

4 (B) by inserting after paragraph (1) the
5 following new paragraph:

6 “(2) The Federal Government should cooperate
7 with the private sector to ensure that technological
8 leadership exists within the United States in those
9 technologies that promise to have a major and con-
10 tinuing impact on the growth and future vitality of
11 the United States economy.”; and

12 (C) in paragraph (4), as so redesignated
13 by subparagraph (A) of this paragraph, by
14 striking “It is further an appropriate Federal
15 function to support” and inserting in lieu there-
16 of “The Federal Government has a responsibil-
17 ity to support key”; and

18 (3) in subsection (c)—

19 (A) by striking “coordinate procedures are
20 of paramount importance” and inserting in lieu
21 thereof “steps should be taken”; and

22 (B) in paragraph (1), by inserting “devel-
23 opment and” after “policy should encourage
24 the”.

1 **SEC. 3. OFFICE OF SCIENCE AND TECHNOLOGY POLICY.**

2 (a) DIRECTOR; ASSOCIATE DIRECTORS.—Section
3 203 of the National Science and Technology Policy, Orga-
4 nization, and Priorities Act of 1976 (42 U.S.C. 6612) is
5 amended by striking “level II of the Executive Schedule
6 in section 5313” and inserting in lieu thereof “level I of
7 the Executive Schedule in section 5312”.

8 (b) FUNCTIONS.—Section 204 of the National
9 Science and Technology Policy, Organization, and Prior-
10 ities Act of 1976 (42 U.S.C. 6613) is amended to read
11 as follows:

12 “FUNCTIONS

13 “SEC. 204. (a) The primary functions of the Office
14 and the Director are to—

15 “(1) recommend to the President those science
16 and technology priorities which will best contribute
17 to achieving the societal goals identified under sec-
18 tion 205(c)(2);

19 “(2) oversee the development of a coordinated
20 Federal research and development budget to imple-
21 ment the President’s science and technology prior-
22 ities;

23 “(3) provide, within the Executive Office of the
24 President, advice on the scientific, engineering, and
25 technological aspects of issues that require attention
26 at the highest levels of Government; and

1 “(4) perform analyses of the adequacy of the
2 science and technology base and the health of the re-
3 search enterprise of the Nation.

4 “(b) In addition to such other functions and activities
5 as the President may assign, the Director shall—

6 “(1) advise the President, and various compo-
7 nents of the Executive Office of the President that
8 formulate national policy, on scientific and techno-
9 logical considerations involved in areas of national
10 concern including, but not limited to, the economy,
11 national security, health, foreign relations, the envi-
12 ronment, and the technological recovery and use of
13 resources;

14 “(2) evaluate the scale, quality, and effective-
15 ness of the Federal effort in science and technology
16 and advise on appropriate actions;

17 “(3) assist the President in providing general
18 leadership and coordination of the research and de-
19 velopment programs of the Federal Government; and

20 “(4) cooperate with the States in carrying out
21 responsibilities under this section.

22 “(c) Executive departments and agencies shall pro-
23 vide, upon the request of the Director, such services, per-
24 sonnel, equipment, facilities, and information (including
25 estimates, statistics, and technical assistance) as may be

1 necessary for carrying out the functions of the Office, and
2 as may be available to or procurable by such department
3 or agency from public or private agencies and organiza-
4 tions and individuals, in order to avoid duplication of ef-
5 fort and expense. The Director may transfer funds made
6 available pursuant to this Act to other Federal agencies
7 as reimbursement for the utilization of such services, per-
8 sonnel, equipment, and facilities.”.

9 (c) SETTING SCIENCE AND TECHNOLOGY BUDGET
10 PRIORITIES.—The National Science and Technology Pol-
11 icy, Organization, and Priorities Act of 1976 is amend-
12 ed—

13 (1) by striking section 206;

14 (2) by redesignating section 205 as section 206;

15 and

16 (3) by inserting after section 204 the following
17 new section:

18 “SETTING SCIENCE AND TECHNOLOGY BUDGET

19 PRIORITIES

20 “SEC. 205. (a) The Director, in conjunction with the
21 National Science and Technology Council established
22 under title IV, shall ensure that the Federal research and
23 development budget conforms to the President’s overall
24 science and technology priorities. In carrying out this
25 function, the Director shall—

1 “(1) at the beginning of each Executive Branch
2 budget formulation cycle, work with the Office of
3 Management and Budget to develop and issue guid-
4 ance to the Federal departments and agencies as to
5 the science and technology priorities to be included
6 in the President’s budget;

7 “(2) review department and agency budget sub-
8 missions received from the Office of Management
9 and Budget for compliance with the initial guidance
10 on science and technology priorities provided in
11 paragraph (1) and assist the Director of the Office
12 of Management and Budget in developing the budget
13 determinations provided by the Office of Manage-
14 ment and Budget to each Federal department and
15 agency; and

16 “(3) provide other assistance to the Office of
17 Management and Budget and the departments and
18 agencies throughout the budget development process
19 as appropriate.

20 The Office of Management and Budget shall work with
21 the Director as described in paragraph (1), and shall pro-
22 vide to the Director, at the time of submission, the re-
23 search and development budget request of each Federal
24 department and agency.

1 “(b) The Director of the Office of Management and
2 Budget shall obtain the written concurrence of the Direc-
3 tor that the budget determinations described in subsection
4 (a)(2) conform to the President’s overall science and tech-
5 nology priorities prior to the transmittal of such budget
6 determinations to each Federal department and agency.

7 “(c) The President, in consultation with the Director
8 of the Office of Science and Technology Policy and the
9 Director of the Office of Management and Budget, shall
10 prepare an analysis of research and development in the
11 Federal budget to accompany the budget submission to
12 the Congress each year. The analysis shall—

13 “(1) identify the President’s priorities for
14 science and technology;

15 “(2) identify the societal goals the priorities
16 identified under paragraph (1) are designed to ad-
17 dress;

18 “(3) present a consolidated research and devel-
19 opment budget, identifying the funding levels for re-
20 search and development in each department and
21 agency;

22 “(4) identify the major categories of research
23 and development funded by Federal departments
24 and agencies and any multi-agency research initia-
25 tives, and identify the funding levels for each of

1 those categories and initiatives in each participating
2 department and agency; and

3 “(5) provide an explanation of any proposed
4 changes in research and development funding from
5 the previous fiscal year’s appropriation levels, includ-
6 ing a statement of how any proposed changes reflect
7 the priorities identified under paragraph (1).”.

8 (d) POLICY PLANNING, ANALYSIS, AND ADVICE.—
9 Section 206 of the National Science and Technology Pol-
10 icy, Organization, and Priorities Act of 1976 (42 U.S.C.
11 6614), as so redesignated by subsection (c)(2) of this sec-
12 tion, is amended—

13 (1) by striking “(a)” after “SEC. 205.”;

14 (2) by striking subsection (b);

15 (3) in paragraph (1), by striking “national”
16 and inserting in lieu thereof “regional, national,”;

17 (4) in paragraph (2), by striking “the Science
18 and Technology Report, in accordance with section
19 209 of” and inserting in lieu thereof “reports re-
20 quired by”;

21 (5) in paragraph (5), by striking “national”
22 and inserting in lieu thereof “regional, national,”;

23 (6) in paragraph (11), by striking “, pursuant
24 to section 206 of this Act”; and

1 (7) in paragraph (12), by striking “section
2 102(a)(6)” and inserting in lieu thereof “section
3 102(a)(7)”.

4 (e) ADDITIONAL FUNCTIONS OF THE DIRECTOR; AD-
5 MINISTRATIVE PROVISIONS.—Section 207 of the National
6 Science and Technology Policy, Organization, and Prior-
7 ities Act of 1976 (42 U.S.C. 6616) is amended—

8 (1) by striking subsection (a);

9 (2) by redesignating subsections (b) and (c) as
10 subsections (a) and (b), respectively; and

11 (3) in subsection (b), as so redesignated by
12 paragraph (2) of this subsection—

13 (A) by striking “his functions” and insert-
14 ing in lieu thereof “functions”;

15 (B) by redesignating paragraphs (2) and
16 (3) as paragraphs (3) and (4), respectively;

17 (C) by striking paragraph (1) and insert-
18 ing in lieu thereof the following new para-
19 graphs:

20 “(1) appoint such officers and employees as are
21 necessary to perform the functions vested in the Di-
22 rector without regard to the provisions of title 5 of
23 the United States Code governing appointments in
24 the competitive service, at rates not to exceed the
25 rate of pay for level VI of the Senior Executive Serv-

1 ice as provided pursuant to section 5382 of title 5,
2 United States Code, and to prescribe their duties;

3 “(2) provide for participation of such civilian
4 and military personnel as may be detailed to the Of-
5 fice as the Director may need or believe to be useful
6 for carrying out the functions of the Director;”;

7 (D) by striking “and” at the end of para-
8 graph (3), as so redesignated by subparagraph
9 (B) of this paragraph;

10 (E) in paragraph (4), as so redesignated
11 by subparagraph (3) of this paragraph—

12 (i) by striking “he deems” and insert-
13 ing in lieu thereof “are”; and

14 (ii) by striking the period at the end
15 and inserting in lieu thereof “; and”; and

16 (F) by adding at the end the following new
17 paragraph:

18 “(5) accept voluntary and uncompensated serv-
19 ices, notwithstanding the provisions of section 1342
20 of title 31, United States Code.”.

21 (f) COORDINATION WITH OTHER ORGANIZATIONS.—
22 Section 208 of the National Science and Technology Pol-
23 icy, Organization, and Priorities Act of 1976 (42 U.S.C.
24 6617) is amended—

25 (1) in subsection (a), by striking “his”;

1 (2) in subsection (a)(1), by striking “Domestic
2 Council, the National Security Council, the Council
3 on Environmental Quality,” and inserting in lieu
4 thereof “various components of the Executive Office
5 of the President that formulate national policy, in-
6 cluding the National Security Council,”;

7 (3) in subsection (a)(2), by striking “he deems”
8 and inserting in lieu thereof “are”;

9 (4) in subsection (a)(3), by striking “he deems”
10 and inserting in lieu thereof “are”;

11 (5) by amending subsection (a)(4) to read as
12 follows:

13 “(4) solicit the advice of the National Science
14 Board on science and technology issues of broad na-
15 tional importance.”; and

16 (6) by striking subsections (b) and (c) and in-
17 serting in lieu thereof the following:

18 “(b) The Director shall make scientific and techno-
19 logical cooperation with the States a priority. The Director
20 shall—

21 “(1) on matters affecting the States, ensure the
22 representation of the States in Federal policy devel-
23 opment and encourage State representation on key
24 policy bodies and program initiatives; and

1 “(2) periodically convene meetings with State
2 government representatives and Federal and other
3 leaders to assess the effectiveness of Federal-State
4 cooperation.”.

5 **SEC. 4. PRESIDENT’S COMMITTEE OF ADVISORS ON**
6 **SCIENCE AND TECHNOLOGY.**

7 Title III of the National Science and Technology Pol-
8 icy, Organization, and Priorities Act of 1976 (42 U.S.C.
9 6631 et seq.) is amended to read as follows:

10 “TITLE III—PRESIDENT’S COMMITTEE OF
11 ADVISORS ON SCIENCE AND TECHNOLOGY

12 “ESTABLISHMENT

13 “SEC. 301. (a) The President shall establish within
14 the Executive Office of the President the President’s Com-
15 mittee of Advisors on Science and Technology (hereinafter
16 referred to as the ‘Committee of Advisors’).

17 “(b) The President shall appoint members of the
18 Committee of Advisors not later than 90 days after the
19 date of enactment of the National Science and Technology
20 Policy, Organization, and Priorities Act Amendments of
21 1993.

22 “MEMBERSHIP

23 “SEC. 302. The Committee of Advisors shall consist
24 of—

25 “(1) the Director of the Office of Science and
26 Technology Policy; and

1 “(2) not more than 15 other members ap-
2 pointed by the President, including at least one rep-
3 resentative from the National Science Board, for
4 such periods as the President may determine.

5 “QUALIFICATIONS

6 “SEC. 303. (a) Members of the Committee of Advi-
7 sors appointed by the President pursuant to section
8 302(2) shall—

9 “(1) be eminent in one or more areas of
10 science, engineering, technology, information dis-
11 semination, education, or public affairs;

12 “(2) be acknowledged experts in their respective
13 fields of expertise and be selected solely on the basis
14 of established records of distinguished service;

15 “(3) collectively constitute a balanced composi-
16 tion with respect to—

17 “(A) fields of science, engineering, and
18 technology; and

19 “(B) academic, industrial, and government
20 experience; and

21 “(4) be so selected as to provide the views of
22 scientific and engineering leaders in all regions of
23 the Nation.

24 “(b) In making nominations under this section, the
25 President shall give due regard to equitable representation

1 of scientists and engineers who are women or members
2 of minority groups.

3 “(c) The Director shall chair the Committee of Advi-
4 sors and a non-Federal sector member selected by the
5 Committee of Advisors shall serve as Vice Chair.

6 “DUTIES AND FUNCTIONS

7 “SEC. 304. The Committee of Advisors shall—

8 “(1) upon request, critically assess and provide
9 advice and recommendations to the President on
10 science and technology policies, priorities, programs,
11 and issues confronting the Nation;

12 “(2) assist the National Science and Tech-
13 nology Council in securing private sector involvement
14 in the development of advice and recommendations
15 on science and technology policies, priorities, pro-
16 grams, and issues confronting the Nation; and

17 “(3) perform other duties as requested by the
18 President.

19 “ADMINISTRATION

20 “SEC. 305. (a) The Office of Science and Technology
21 Policy shall provide such administrative services to the
22 Committee of Advisors as may be required.

23 “(b) The heads of Federal departments and agencies
24 shall, to the extent permitted by law, provide the Commit-
25 tee of Advisors such information with respect to scientific

1 and technological matters as is required for the purpose
2 of carrying out its functions.

3 “(c) Any expenses of the Committee of Advisors shall
4 be paid from the funds available for the expenses of the
5 Office of Science and Technology Policy.

6 “(d) Section 14 of the Federal Advisory Committee
7 Act shall not apply to the Committee of Advisors.”.

8 **SEC. 5. NATIONAL SCIENCE AND TECHNOLOGY COUNCIL.**

9 (a) IN GENERAL.—Title IV of the National Science
10 and Technology Policy, Organization, and Priorities Act
11 of 1976 (42 U.S.C. 6651 et seq.) is amended to read as
12 follows:

13 “TITLE IV—NATIONAL SCIENCE AND
14 TECHNOLOGY COUNCIL

15 “ESTABLISHMENT

16 “SEC. 401. There is established in the Executive Of-
17 fice of the President the National Science and Technology
18 Council (hereinafter referred to as the ‘Council’).

19 “MEMBERSHIP

20 “SEC. 402. The Council shall be composed of the
21 President, who shall serve as Chair, the Vice-President,
22 the Director of the Office of Science and Technology Pol-
23 icy, the Secretary of Agriculture, the Secretary of Com-
24 merce, the Secretary of Defense, the Secretary of Edu-
25 cation, the Secretary of Energy, the Secretary of Health
26 and Human Services, the Secretary of the Interior, the

1 Secretary of State, the Administrator of the National Aer-
2 onautics and Space Administration, the Director of the
3 National Science Foundation, the Administrator of the
4 Environmental Protection Agency, the Chair of the Coun-
5 cil of Economic Advisers, the Director of the Office of
6 Management and Budget, the National Security Adviser,
7 and such other officials of executive departments and
8 agencies as the President may, from time to time, des-
9 ignate.

10 “MEETINGS

11 “SEC. 403. The President, or upon his direction, the
12 Director, may convene meetings of the Council. The Presi-
13 dent shall preside over the meetings of the Council, except
14 that in his absence the Vice President and in his absence
15 the Director, shall preside.

16 “DUTIES AND FUNCTIONS

17 “SEC. 404. (a) The Council shall consider problems
18 and developments in the fields of science, engineering, and
19 technology, and related activities affecting more than one
20 Federal agency, and shall develop policies and other meas-
21 ures designed to—

22 “(1) provide more effective planning and ad-
23 ministration of Federal scientific, engineering, and
24 technological programs;

1 “(2) ensure that science and technology policy
2 decisions and programs are consistent with the
3 President’s stated goals;

4 “(3) ensure the adequacy of and achieve effective
5 utilization of the scientific, engineering, and
6 technological resources and facilities of Federal
7 agencies, including the elimination of unwarranted
8 duplication; and

9 “(4) further international cooperation in
10 science, engineering, and technology.

11 “(b) The Council shall assume the responsibilities
12 and authorities of the National Space Council, the Na-
13 tional Critical Materials Council, and the Federal Coordi-
14 nating Council for Science, Engineering, and Technology.
15 The Council shall coordinate as necessary with the Na-
16 tional Security Council in carrying out the former respon-
17 sibilities of the National Critical Materials Council.

18 “(c) The Council shall perform such other related du-
19 ties as shall be assigned by the President.

20 “(d) In exercising its duties and functions the Coun-
21 cil—

22 “(1) shall work closely with the heads of all rel-
23 evant Federal departments and agencies;

1 “(2) may utilize consultants and representatives
2 of industry, academia, and State and local govern-
3 ments;

4 “(3) shall hold hearings in various parts of the
5 Nation as necessary; and

6 “(4) shall avoid duplication of effort and ex-
7 pense.

8 “RESEARCH AND DEVELOPMENT BUDGET COORDINATION

9 “SEC. 405. (a) In coordinating science and tech-
10 nology policy, including research and development budget
11 requests, the Council shall—

12 “(1) appraise progress in science and tech-
13 nology in relation to the societal goals identified
14 under section 205(c)(2), and through consultation
15 with the Council of Economic Advisers determine the
16 desired level of Federal investment in science and
17 technology;

18 “(2) determine priorities for allocating Federal
19 funds among expenditure areas in science and tech-
20 nology in order to address the societal goals identi-
21 fied under section 205(c)(2), including the selection
22 of multi-agency research and development initiatives;

23 “(3) consider the ways in which scientific and
24 technical knowledge and principles can be applied to
25 achieving the societal goals identified under section
26 205(c)(2); and

1 “(4) ensure the coordination of Federal science
2 and technology programs and eliminate unnecessary
3 duplication of effort among these programs.

4 “(b) For the purpose of carrying out this title, all
5 executive departments and agencies, whether or not rep-
6 resented on the Council, shall furnish necessary assistance
7 to the Council. Such assistance may include—

8 “(1) detailing employees to the Council to per-
9 form such functions, consistent with the purposes of
10 this title, as the President may assign to them; and

11 “(2) undertaking, upon request of the Presi-
12 dent, special studies.

13 “INTERAGENCY WORKING GROUPS

14 “SEC. 406. (a) The Council is authorized to establish,
15 for the purpose of conducting studies and making reports
16 as directed by the President, Interagency Working Groups
17 of the Council, and shall designate the subject areas and
18 membership of the Interagency Working Groups and over-
19 see their work.

20 “(b) The Interagency Working Groups shall assist
21 the Council in carrying out its duties and functions by—

22 “(1) developing detailed plans, including fund-
23 ing requirements for multi-agency research and de-
24 velopment initiatives, and serve as a forum for co-
25 ordinating agency activities in implementing such
26 initiatives;

1 “(2) defining a coherent approach for applying
2 science and technology to specific emerging national
3 problems;

4 “(3) gathering timely and authoritative infor-
5 mation on developments in science and technology to
6 determine if these developments are interfering with
7 the achievement of the policy set forth in section
8 102 of this Act;

9 “(4) initiating studies to determine which of the
10 scientific and technological alternatives available will
11 best contribute to achieving the societal goals identi-
12 fied under section 205(b)(2);

13 “(5) reviewing and appraising various science
14 and technology related activities of the Federal Gov-
15 ernment to determine the extent to which such ac-
16 tivities are contributing to the achievement of the so-
17 cietal goals identified under section 205(b)(2), and
18 make recommendations to the President as appro-
19 priate; and

20 “(6) performing other duties as requested by
21 the President or the Council.”.

22 (b) REPEALS.—(1) Section 501 of the National Aero-
23 nautics and Space Administration Authorization Act, Fis-
24 cal Year 1989 is repealed.

1 (2) Sections 202(b), 203, 207, 208, 209, 210, and
2 211 of the National Critical Materials Act of 1984 are
3 repealed.

4 **SEC. 6. NATIONAL SCIENCES AND TECHNOLOGIES ASSESS-**
5 **MENT PANEL.**

6 (a) ESTABLISHMENT.—Section 601 of the National
7 Science and Technology Policy, Organization, and Prior-
8 ities Act of 1976 (42 U.S.C. 6681) is amended to read
9 as follows:

10 “ESTABLISHMENT

11 “SEC. 601. The Director of the Office of Science and
12 Technology Policy shall establish within that office a Na-
13 tional Sciences and Technologies Assessment Panel (here-
14 after in this title referred to as the ‘panel’). The panel
15 shall prepare the biennial national critical technologies re-
16 port required under section 603, and the annual assess-
17 ment required under section 604.”.

18 (b) MEMBERSHIP.—Section 602 of the National
19 Science and Technology Policy, Organization, and Prior-
20 ities Act of 1976 (42 U.S.C. 6682) is amended—

21 (1) in subsection (a), by striking “13 members”
22 and inserting in lieu thereof “the Director of the Of-
23 fice of Science and Technology Policy, who shall
24 serve as Chairman, and 14 other”;

1 (2) in subsection (a)(1), by striking “appoint
2 nine” and all that follows through “shall be ap-
3 pointed” and insert in lieu thereof “8 members”;

4 (3) by adding at the end of subsection (a) the
5 following new paragraphs:

6 “(6) The Secretary of Health and Human Serv-
7 ices shall appoint one member, who shall be an offi-
8 cial of the National Institutes of Health.

9 “(7) The Director of the National Science
10 Foundation shall appoint one member, who shall be
11 an official of that agency.”;

12 (4) in subsection (b)(1), by striking “(a)(1)(B)”
13 and inserting in lieu thereof “(a)(1)”; and

14 (5) by striking subsection (c).

15 (c) NATIONAL PERFORMANCE ASSESSMENTS FOR
16 RESEARCH.—The National Science and Technology Pol-
17 icy, Organization, and Priorities Act of 1976 is amend-
18 ed—

19 (1) by striking section 605;

20 (2) by redesignating section 604 as section 605;

21 and

22 (3) by inserting after section 603 the following
23 new section:

24 “NATIONAL PERFORMANCE ASSESSMENTS FOR RESEARCH

25 “SEC. 604. (a) The panel shall submit to the Presi-
26 dent an annual report on the Nation’s performance in se-

1 lected major fields of research, incorporating the results
2 of consultation described in subsection (d).

3 “(b) Each such report shall include, with respect to
4 each selected major field of research—

5 “(1) a review of the relative performance of the
6 United States as compared to that of other nations;

7 “(2) an estimate of the trend in relative per-
8 formance during the next five years;

9 “(3) an assessment of the contribution of Fed-
10 eral research and development programs to the
11 progress made in that field of research;

12 “(4) the factors that are likely to affect the Na-
13 tion’s performance in the next five years, with par-
14 ticular attention to those factors that may adversely
15 affect relative performance; and

16 “(5) recommendations for any Federal policy
17 changes necessary to improve the Nation’s research
18 performance, and a review of the implementation of
19 any recommendations made in previous reports
20 under this paragraph.

21 “(c) Each major field of research shall be treated in
22 an annual assessment report at least once in each five year
23 period.

24 “(d) In preparing the report the panel shall consult
25 extensively with appropriate public and private organiza-

1 tions and individuals capable of providing independent and
2 knowledgeable assessments. Such organizations and indi-
3 viduals shall include researchers in the subject field who
4 reside in the United States and in other nations, research-
5 ers in related fields, and those who apply research to solve
6 practical problems.

7 “(e) Not later than 30 days after the date on which
8 a report is submitted to the President under this section,
9 the President shall transmit the report, together with any
10 comments that the President considers appropriate, to
11 Congress.”.

12 (d) ADMINISTRATION AND FUNDING OF THE
13 PANEL.—Section 605 of the National Science and Tech-
14 nology Policy, Organization, and Priorities Act of 1976
15 (42 U.S.C. 6684) as so redesignated by subsection (c)(2)
16 of this section, is amended by striking “Funds for” and
17 all that follows through “for that Office.”.

18 **SEC. 7. SCIENCE AND TECHNOLOGY POLICY INSTITUTE.**

19 (a) IN GENERAL.—The National Science and Tech-
20 nology Policy, Organization, and Priorities Act of 1976
21 is amended by adding at the end the following new title:

1 “(3) The assembly of timely and authoritative
2 information regarding significant developments and
3 trends in science and technology in the United
4 States and abroad, with particular emphasis on in-
5 formation relating to the fields of science and the
6 technologies identified in the most recent biennial re-
7 port submitted to Congress by the President pursu-
8 ant to section 603 of this title.

9 “(4) Analysis and interpretation of the informa-
10 tion referred to in paragraph (3) to determine
11 whether such developments and trends are likely to
12 affect United States science and technology policies.

13 “CONSULTATION ON INSTITUTE ACTIVITIES

14 “SEC. 704. In carrying out the functions referred to
15 in section 703, personnel of the Institute shall—

16 “(1) consult widely with representatives from
17 private industry, institutions of higher education,
18 nonprofit institutions, and Federal and State agen-
19 cies; and

20 “(2) to the maximum extent practicable, incor-
21 porate information and perspectives derived from
22 such consultations in carrying out such functions.

23 “SPONSORSHIP

24 “SEC. 705. The Director of the Office of Science and
25 Technology Policy shall enter into a sponsoring agreement
26 with respect to the Institute. The sponsoring agreement

1 shall require that the Institute carry out the functions
2 specified in section 703 and such functions as the Operat-
3 ing Committee may specify, consistent with section 703.
4 The sponsoring agreement shall be consistent with the
5 general requirements prescribed for such a sponsoring
6 agreement by the Administrator for Federal Procurement
7 Policy.”.

8 (b) REPEAL.—Section 822 of the National Defense
9 Authorization Act for Fiscal Year 1991 (42 U.S.C. 6686)
10 is repealed.

○

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HR 3476 IH——3