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THE WHITE HOUSE
WASHINGTON

2/6/92

- Tom Ratchford
- D.A. Henderson
- Karl Erb

~~no
comment~~
SR
2/7/92

Enclosed please find a draft report to Sen. Appropriations on CTI. Given the status of CTI, the report is very short. Gene has already seen it; your comments are welcome. I intend to send it to OMB by Friday,* if it has DAB's blessing.

Carl B.
(x2735)

*2/7

DRAFT

February 5, 1992

DRAFT

Dear Madam Chair:

In its report accompanying the FY 1992 Departments of Veterans Affairs and Housing and Urban Development, and Independent Agencies Appropriation Bill (S.Rpt. 102-107), the Senate Appropriations Committee requested a report on the Critical Technologies Institute (CTI). Specifically, the Committee requested "a report by March 1, 1992 on its plans, progress, and problems that may be encountered. The report should discuss the strategy for involving the research capability of both the Government and the private sector." I am pleased to submit this report to you.

In December, the National Science Foundation issued a Request for Proposals for a contractor, with a deadline for submission of January 31, 1992. The Foundation is currently reviewing the proposals in accordance with established merit review procedures, and is expected to select a contractor this spring.

In accordance with the CTI's enabling legislation, the President has named four members of the Executive Branch to serve on the Institute's Operating Committee, in addition to the seven members designated by the legislation. These four members are the Secretary of the Treasury, the Director of the Office of Management and Budget, the Assistant to the President for National Security Affairs, and the Assistant to the President for Economic and Domestic Policy. The President has selected the Director of OSTP to chair the Operating Committee.

Once the contractor for CTI has been selected and the Operating Committee has begun to meet, we will devise an agenda and procedures for the Institute, and develop strategies for involving the research capabilities of both the public and private sectors.

Thank you for your continuing interest in the Critical Technologies Institute.

Sincerely,

D. Allan Bromley
Director

The Honorable Barbara Mikulski, Chair
Subcommittee on Veterans Affairs, HUD,
and Independent Agencies
United States Senate
Washington, D.C. 20510

cc: The Honorable Jake Garn

THE WHITE HOUSE

WASHINGTON

February 18, 1992

MEMORANDUM FOR THE SECRETARY OF THE TREASURY*

THE SECRETARY OF DEFENSE

THE SECRETARY DESIGNATE OF COMMERCE

THE SECRETARY OF HEALTH AND HUMAN SERVICES

THE SECRETARY OF ENERGY

THE DIRECTOR OF THE OFFICE OF MANAGEMENT AND
BUDGET*

THE CHAIRMAN OF THE COUNCIL OF ECONOMIC
ADVISERS*

THE ASSISTANT TO THE PRESIDENT FOR
NATIONAL SECURITY AFFAIRS*

THE ADMINISTRATOR OF THE NATIONAL AERONAUTICS
AND SPACE ADMINISTRATION

THE DIRECTOR OF THE NATIONAL SCIENCE FOUNDATION

FROM:

D. ALLAN BROMLEY



SUBJECT:

THE CRITICAL TECHNOLOGIES INSTITUTE

The Operating Committee of the Critical Technologies Institute (CTI) was established by Public Law 102-190 on December 5, 1991. Seven of its members were specified by the legislation and four additional members were appointed by the President on January 10; these are indicated by asterisks in the above listing.

The Institute itself is being established as a Federally Funded Research and Development Center (FFRDC) by the National Science Foundation. The deadline for proposals from organizations and institutions wishing to house the CTI was January 31, 1992 and these proposals are now under review using standard NSF procedures and a selection panel toward whose membership many of you were requested, by NSF, to make nominations.

I enclose herewith a copy of the founding legislation for your convenience. The President has requested that I serve as chairman of the CTI Operating Committee.

You will note that the Operating Committee members specified in the legislation may designate persons to represent them on the Operating Committee. While I fully understand that your other duties may make this necessary on a continuing basis I would ask that, if at all possible, you agree to participate in the first few meetings that will establish the all important general policies and directions of the Institute.

In order for me to schedule an initial meeting of the CTI Operating Committee I shall much appreciate learning from you whether you are prepared to participate as a member of this Committee, at least for its initial meetings, or whether you wish to designate an alternate to represent your agency or department.

The legislation calls for not less than four meetings per year and you have my assurance that we will not meet more frequently unless we have matters of real significance to consider.

Because I am convinced that, properly managed, the CTI has the potential of providing effective support for the President's programs directed toward more effective utilization of technology in almost every sector of our society, I look forward to hearing from you and to working with you to make the CTI a success.

Enclosure

"SEC. 112. CRITICAL TECHNOLOGIES INSTITUTE

"(a) **ESTABLISHMENT.**—There shall be established a federally funded research and development center to be known as the 'Critical Technologies Institute' hereinafter in this section referred to as the 'Institute'.

"(b) **INCORPORATION.**—As determined by the chairman of the committee referred to in subsection (c), the Institute shall be—

"(1) administered as a separate entity by an organization currently managing another federally funded research and development center; or

"(2) incorporated as a nonprofit membership corporation.

"(c) **OPERATING COMMITTEE.**—(1) The Institute shall have an Operating Committee composed of 11 members as follows:

"(A) The Director of the Office of Science and Technology Policy;

"(B) The Secretary of Defense, or the Secretary's designee;

"(C) The Secretary of Energy, or the Secretary's designee;

"(D) The Secretary of Health and Human Services, or the Secretary's designee;

"(E) The Secretary of Commerce, or the Secretary's designee;

"(F) The Administrator of the National Aeronautics and Space Administration, or the Administrator's designee;

"(G) The Director of the National Science Foundation, or the Director's designee;

"(H) Four other members appointed by the President from among officials of the Executive branch, other than those referred to in subparagraphs (A) through (G).

"(2) The President shall designate a chairman of the committee from among the members of the committee who are senior officials of the Executive Office of the President.

"(3)(A) The term of service of members of the committee appointed under paragraph (1)(H) shall be four years, except that of the four members first appointed, one shall be appointed for a term of one year, one shall be appointed for a term of two years, one shall be appointed for a term of three years, and one shall be appointed for a term of four years. The terms of appointment of members appointed under this subparagraph shall be designated by the President at the time of the appointments.

"(B) A vacancy in a membership of the committee referred to in subparagraph (A) shall be filled in the same manner as the original appointment. A member appointed under this subparagraph shall serve the remainder of the unexpired term of the predecessor of the member.

"(C) Members of the committee referred to in subparagraph (A) may be reappointed.

"(4) The committee shall meet not less than four times a year.

"(d) **DUTIES.**—The duties of the Institute shall include the following:

"(1) The assembly of timely and authoritative information regarding significant developments and trends in technology research and development in the United States and abroad, with particular emphasis on in-

formation relating to the technologies identified in the most recent biennial report submitted to Congress by the President pursuant to section 601(d) of the National Science and Technology Policy, Organization, and Priorities Act of 1976 (42 U.S.C. 6683(d)).

"(2) Analysis and interpretation of the information referred to in paragraph (1) to determine whether such developments and trends are likely to affect United States technology policies.

"(3) Initiation of studies and analyses (including systems analyses and technology assessments) of alternatives available for ensuring long-term leadership by the United States in the development and application of the technologies referred to in paragraph (1), including appropriate roles for the Federal Government, State governments, private industry, and institutions of higher education in the development and application of such technologies.

"(4) Provision, upon the request of the Director of the Office of Science and Technology Policy, of technical support and assistance—

"(A) to the committees and panels of the President's Council of Advisers on Science and Technology that provide advice to the Executive branch on technology policy; and

"(B) to the committees and panels of the Federal Coordinating Council for Science, Engineering, and Technology that are responsible for planning and coordinating activities of the Federal Government to advance the development of critical technologies and sustain and strengthen the technology base of the United States.

"(e) **CONSULTATION ON INSTITUTE ACTIVITIES.**—In carrying out the duties referred to in subsection (d), personnel of the Institute shall—

"(1) consult widely with representatives from private industry, institutions of higher education, and non-profit institutions; and

"(2) to the maximum extent practicable, incorporate information and perspectives derived from such consultations in carrying out such duties.

"(f) **ANNUAL REPORTS.**—The committee shall submit to the President an annual report on the activities of the committee under this section. Each report shall be in accordance with requirements prescribed by the President.

"(g) **SPONSORSHIP.**—(1) The Director of the National Science Foundation shall be the sponsor of the Institute.

"(2) The Director of the National Science Foundation, in consultation with the chairman of the committee, shall enter into a sponsoring agreement with respect to the Institute. The sponsoring agreement shall require that the Institute carry out such functions as the chairman of the committee may specify consistent with the duties referred to in subsection (d). The sponsoring agreement shall be consistent with the general requirements prescribed for such a sponsoring agreement by the Administrator for Federal Procurement Policy."

"(2) The amendment made by paragraph (1) shall take effect as of November 5, 1990.

"(3) The sponsoring agreement required by subsection (g) of section 822 of Public Law 101-510, as amended by paragraph (1), shall be entered into not later than February 15, 1992.

"(d) **FUNDING.**—(1) To the extent provided in appropriations Acts, the Secretary of Defense shall make available to the Director of the National Science Foundation, out of funds appropriated for fiscal year 1991, \$5,000,000 for funding the activities of the Institute.

"(2) There is authorized to be appropriated for each fiscal year after fiscal year 1991 for the Institute such sums as may be necessary for the operation of the Institute.

"(3) Funds appropriated to any department or agency for the Critical Technologies Institute established under section 822 of the National Defense Authorization Act for Fiscal Year 1991, as amended by subsection (c), for fiscal year 1992 by any Act enacted before the date of the enactment of this Act shall be transferred to the National Science Foundation only for the purposes of carrying out activities of the Institute.