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OA/ID Number: 62045
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Folder Title:
Physical Sciences - Superconductivity [1989]

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THE WHITE HOUSE

WASHINGTON

December 8, 1989

MEMORANDUM FOR JAMES W. CICCONI

FROM: D. ALLAN BROMLEY *DAB*

SUBJECT: REVIEW OF SUPERCONDUCTIVITY PLAN

Attached is the final version of the National Action Plan on Superconductivity Research and Development, along with the transmittal letters to the Congress. This version incorporates the suggested editorial changes of the Office of Management and Budget and responds to the comments of the Office of Economic and Domestic Policy -- the two offices which had comments. There are wording changes on page 14 as agreed to with Economic and Domestic Policy. In a followup discussion with that office, staff agreed that it was unnecessary to include an additional discussion of technology transfer policy for superconductivity on page 15, since there is no specific approach for technology transfer on superconductivity that is not subsumed by the existing general approach given in the relevant legislation and Executive orders.

Unless otherwise instructed, we plan to submit this plan to Congress on or about December 14, 1989.

Attachments

DRAFT

December 5, 1989

Dear Mr. Chairman:

Enclosed is a copy of the report "The National Action Plan on Superconductivity Research and Development." Preparation of this plan was directed in the "National Superconductivity and Competitiveness Act of 1988," (P.L. 100-697; 15 U.S.C. 5202). The basic strategic approach in this plan is to continue at present to encourage a broad-based interagency Federal research and development program allowing a large number of alternatives to be explored. The annual reports called for in the legislation will provide a means of updating and refining this plan and will reflect ongoing scientific and technical progress in superconductivity.

I believe superconductivity is one of the areas of materials science with an open-ended future. The field of materials science itself is an exciting area of rapidly growing importance to our modern industrial civilization. The continuing involvement of the Office of Science and Technology Policy in superconductivity as part of this plan will be part of an increasing involvement of this office in the critically important area of materials.

Sincerely,

D. Allan Bromley
Director

Enclosure

The Honorable Robert Roe
Chairman
Committee on Science, Space and
Technology
House of Representatives
Washington, D.C. 20515

Same letter to be sent to the following:

The Honorable J. Bennet Johnston
Chairman
Committee on Energy and
Natural Resources
Senate
Washington, D.C. 20510

The Honorable Ernest F. Hollings
Chairman
Committee on Commerce, Science
and Transportation
Senate
Washington, D.C. 20510

**THE NATIONAL
ACTION PLAN
ON SUPERCONDUCTIVITY
RESEARCH AND DEVELOPMENT**

December 8, 1989

WHITE HOUSE STAFFING MEMORANDUM

DATE: 12/21/89 ACTION/CONCURRENCE/COMMENT DUE BY: 12/22/89 8:00 AM

SUBJECT: PROPOSED EXECUTIVE ORDER ENTITLED "EXTENDING THE NATIONAL COMMISSION ON SUPERCONDUCTIVITY"

	ACTION	FYI		ACTION	FYI
VICE PRESIDENT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MCCLURE	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SUNUNU	<input type="checkbox"/>	<input checked="" type="checkbox"/>	NEWMAN	<input type="checkbox"/>	<input type="checkbox"/>
SCOWCROFT	<input type="checkbox"/>	<input type="checkbox"/>	PORTER	<input type="checkbox"/>	<input checked="" type="checkbox"/>
DARMAN	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ROGICH	<input type="checkbox"/>	<input type="checkbox"/>
BATES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	UNTERMAYER	<input type="checkbox"/>	<input type="checkbox"/>
CARD	<input type="checkbox"/>	<input checked="" type="checkbox"/>	BROMLEY	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CICCONI	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CLERK	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DEMAREST	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	<input type="checkbox"/>	<input type="checkbox"/>
FITZWATER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	<input type="checkbox"/>	<input type="checkbox"/>
GRAY	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____	<input type="checkbox"/>	<input type="checkbox"/>
HAGIN	<input type="checkbox"/>	<input type="checkbox"/>	_____	<input type="checkbox"/>	<input type="checkbox"/>

REMARKS:

Please forward any comments/recommendations directly to my office no later than 8:00 AM, Friday, December 22. Sorry for the short turnaround. Thank you.

Delivered 3:15 PM

RESPONSE:

12/20 SS

*Agreed
D. Bromley
12/22/89*

James W. Cicconi
Assistant to the President
and Deputy to the Chief of Staff
Ext. 2702



EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF MANAGEMENT AND BUDGET
WASHINGTON, D.C. 20503

THE DIRECTOR

December 21, 1989

MEMORANDUM FOR THE PRESIDENT

FROM: Richard G. Darman *R. G. Darman*
Director

SUBJECT: Proposed Executive Order Entitled "Extending the
National Commission on Superconductivity"

SUMMARY: This memorandum forwards for your consideration a proposed Executive order, prepared by the White House Office of Science and Technology Policy, that would extend the National Commission on Superconductivity.

BACKGROUND: The National Commission on Superconductivity ("Commission") is due to expire on December 27, 1989. The Commission is unable to complete its mandated report to you by December 27th, and the Office of Science and Technology Policy requests an extension to permit the Commission to complete its report. The proposed order, therefore, would extend the Commission from December 27, 1989, to May 31, 1990.

None of the affected agencies objects to the proposed Executive order.

RECOMMENDATION: I recommend that you sign the proposed Executive order.

Attachment

EXECUTIVE ORDER

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EXTENDING THE NATIONAL COMMISSION
ON SUPERCONDUCTIVITY

By the authority vested in me as President by the Constitution and laws of the United States of America, including the Omnibus Trade and Competitiveness Act of 1988 (P.L. 100-418, 102 Stat. 1107) and section 301 of title 3 of the United States Code, and to give the National Commission on Superconductivity additional time to complete its report, it is hereby ordered that Section 3-401(5) of Executive Order No. 12661 is amended by deleting the date "February 23, 1989," and inserting in lieu thereof the date "March 31, 1990," and that the first sentence of Section 3-401(7) of the same Executive Order is amended to read "The Commission shall disband no later than May 31, 1990."

THE WHITE HOUSE,

August 22, 1989

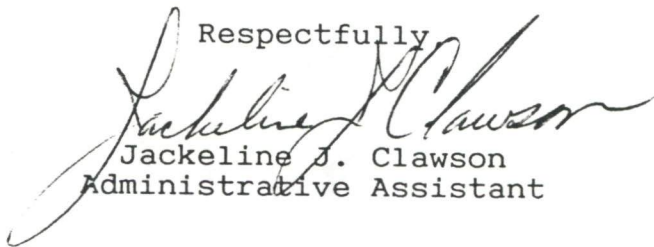
Dear Dr. Gillespie,

Dr. D. Allan Bromley asked that I forward this document to you for review. Dr. Bromley would appreciate your comments on whether there might be anything in this that we should be cognizant of in our long range plan.

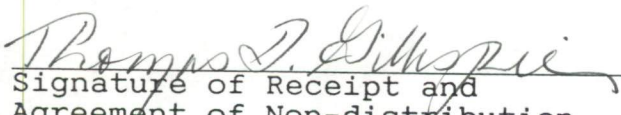
This document is not for distribution or reproduction. Dr. Bromley asks that you not distribute or show this document to anyone and return it to our office with your comments. Please sign the copy of this letter and return it to our office within 48 hours.

Thank you for your cooperation in this matter.

Respectfully


Jackeline J. Clawson
Administrative Assistant

Dr. Thomas Gillespie
University of Michigan
Umtri
2901 Baxter Rd
Ann Arbor, Michigan 48109



Signature of Receipt and
Agreement of Non-distribution

Date

Aug 24, 1989

THE WHITE HOUSE

WASHINGTON

September 13, 1989

Dear Paul:

Let me begin by once again thanking you for taking time in what I know must be an extraordinarily busy schedule to help in making the Five-Year Long-Range Plan for Research and Development in Superconductivity a much more realistic one than it would otherwise have been.

I share your concern about the importance of materials in both our present and future technology development and am currently thinking in terms of two parallel approaches. On the one hand, I would like to set up a panel under the President's Council of Science and Technology Advisers that would address the broad problem and, secondly, establish a specific subcommittee under the Federal Coordinating Council for Science, Engineering and Technology structure to coordinate activity within the government in this area more effectively than is now the case. The advantage of the parallel structure is that while the FCCSET activity is by legislation limited to participation by government employees, the PCAST structure is a much more open one which allows me to bring in experts from the non-governmental community, both academic and industrial.

You can be sure that I will be back in touch with you as I get around to putting these together and, in the meantime, please feel free to send me any of your thoughts about people, charters, or what have you.

With respect to your final question, it is indeed true that you should have long since received from the White House a very elegant scroll -- suitable for framing -- signed by President Reagan which simply gives a print of the citation associated with your Medal of Science and a replica in gold of the Medal itself. It is a handsome document, and I shall immediately look in to making sure that you get yours as soon as possible.

With warmest best wishes,

Sincerely yours,



D. Allan Bromley
Assistant to the President
for
Science and Technology

Professor C.W. Chu
Texas Center for Superconductivity
University of Houston
Science and Research One
Houston, Texas 77204-5506



**Texas
Center for
Superconductivity**

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Science and Research One
Houston, Texas 77204-5506
713.749.3906
FAX: 713.747.4527
713.747.7724

August 28, 1989

Dr. Allan D. Bromley
Presidential Science Advisor
Executive Office of the President
Office of Science and Technology Policy
Washington, DC 20506

Dear Allan,

As a HTS student, I am particularly grateful that you take personal interest in supporting the field of HTS in a realistic fashion.

You mentioned the problem concerning the National Committee on Critical Materials. Because of the importance of materials to present and future technology development and in view of the political reality, it appears to me to be a positive move for OSTP to take an active role in the organization and function of the Committee. I strongly believe that it can provide an effective conduit for the revitalization of US competitiveness in this technological world.

Finally, I would like to inquire about a personal matter. I was told by one of the staffers in Dr. Graham's office and several previous recipients that a citation, signed by the President, was to accompany the National Medal of Science which I had the honor of receiving with you last year. Would you kindly confirm this for me? If there is such a citation, I have not received mine yet.

Sincerely yours,

C. W. Chu

CWC/jma