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FOIA Number:
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Record Group/Collection: George H.W. Bush Presidential Records
Collection/Office of Origin: Science and Technology Policy, Office of (OSTP)
Series: Bromley, D. Allan, Files
Subseries: General Science Files

OA/ID Number: 62044
Folder ID Number: 62044-005

Folder Title:
Physical Science: High Performance Computing [1991]

Stack:	Row:	Section:	Shelf:	Position:
	0	0	0	0

"Document Control"

TYPE: ACTION DOCUMENT NUMBER: 9124454
ORIGINATOR: 02 STATUS I DIRECTORATE STATUS

FROM: RANKIN, John Anderson: GOAL SYSTEMS INTERNATIONAL

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 10/17/91

SUBJECT: OFFERING HIS SERVICES FOR THE COMMITTEE FORMED BY
"THE HIGH PERFORMANCE COMPUTING ACT OF 1991".

DIRECTORATE STAFF
ASSIGNED: INDUSTRIAL ASSIGNED:

ACTION STAFF
REQUIRED: DIRECT REPLY ACTION:

SENDER'S DUE DATE:
OSTP DUE DATE: 10/31/91 STAFF DUE DATE
DATE COMPLETED: DATE COMPLETED/DEPT:

COPIES TO: ADMINISTRATION
Karl Erb

WHITE HOUSE TRACKING #: CONTACT PERSON:
REMARKS: PHONE: EXT:

*Thanks him for his offer to serve, and say he will
be kept for future reference*

OSTP RECEIVED: 10/17/91 DEPT RECEIVED:
FILE: *PH* PHYSICAL SCIENCES-HPC

CENTRAL FILES:

CLOSED

EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF SCIENCE AND TECHNOLOGY POLICY
WASHINGTON, D.C. 20506

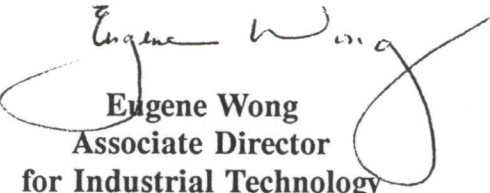
November 6, 1991

Dear Mr. Rankin:

Thank you for your letter of October 11, 1991 to Dr. Bromley, offering to serve on a committee of industry members as proposed in the pending legislation.

Although it is not certain what the final outcome of the legislation will be and therefore what an OSTP role might be, for now we appreciate your offer to serve, and I shall keep your letter for possible future reference.

Sincerely yours,



Eugene Wong
Associate Director
for Industrial Technology

Mr. John Anderson Rankin
Goal Systems International, Inc.
7965 North High Street
Columbus, Ohio 43235

RECEIVED

91 OCT 17 PM 2:59

OFFICE OF THE
DIRECTOR

John Anderson Rankin
Goal Systems International Inc.
7965 North High Street
Columbus, Ohio 43235
(614) 785-2255
Fax: (614) 888-8873

D. Allan Bromley
Assistant to the President for Science and Technology and Director,
Office of Science and Technology Policy
Executive Office Building 20506

Dear Mr. Bromley,

On the eleventh of September, 1991, the Senate passed a bill called "*The High Performance Computing Act of 1991*". This bill calls for the Office of Science and Technology Policy to setup a committee of members from industry to aid in the implementation of this bill. I would like to offer my services for such a committee. It is my opinion that I could be a valuable contributor to such a group.

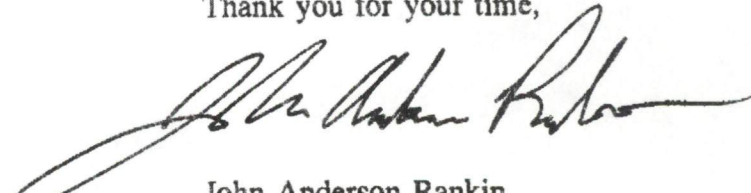
I am a High-End mainframe software developer, working for Goal Systems International Incorporated. I am responsible for the analysis, design, development and implementation of High-Performance mainframe software, and am very familiar with the needs of the High-End mainframe users as well as the current competition placed on our industry by foreign interests.

It has been part of my responsibilities to not only work at a technical level, but to present lectures and technical papers at nation wide conferences. I feel that I could bring to this committee a unique perspective on the industry that could serve to be invaluable.

I have been an active part of the computer industry for over ten years, and have reached a level of technical expertise that places me in an elite minority. My concern regarding this new bill is that its main thrust is to support research into Super Computer technology, which is an excellent direction; However, in order for the vast majority of the industry to benefit from the technological fallout this will create, it is necessary for work to be done in the high-end mainframe platforms as well. Currently there is little or no communication or compatibility between these two platforms. In order to remain competitive against the Japanese Super Computer Industry we will have to bridge the gap between these technologies; I feel that my skills added to this committee will help in this respect.

If I can provide any further details of my qualifications, please feel free to contact me at my place of work, addressed above.

Thank you for your time,



John Anderson Rankin



Goal Systems

Date: 10/11/91 Number of pages including this cover sheet: 2
To: D. Allan Bromley FAX: _____
Company: Office of Science Technology Policy Phone: _____
From: John A. Rankin

Message:

"CORRESPONDENCE TRACKING"

TYPE: INFORMATION

DOCUMENT NUMBER: 9120973

FROM: SHERMAN, J. Richard: RESEARCH CONSORTIUM, INC.

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 03/27/91

SUBJECT: U.S. GOVERNMENT REPORT, "GRAND CHALLENGES: HIGH
PERFORMANCE COMPUTING & COMMUNICATIONS" THE FY92 R&D
PROGRAM.

ASSIGNED TO:

ACTION REQUIRED:

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED:

COPIES TO: D. Allan Bromley
Dr. Wong
Maryanne Bach

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

DATE RECEIVED: 04/02/91

P-Physical Sciences -
FILE: HIGH PERFORMANCE COMPUTING

9120973

RESEARCH CONSORTIUM, Inc.
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Business Research, Inc.

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RCI - Europe

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Managing Director, RCI Europe

RCI - Japan

MR. JAMES GEISMAN
Managing Director, RCI Japan

91 APR 26 DATE: March 27, 1991

TO: RCI Worldwide Members

**OFFICE OF THE
cc: DIRECTOR** Dr. Allan Bromley, Asst. to the Pres.,
Office of Science & Tech. Policy

Dr. Stephen Wolff, Dir., Networking Div.,
National Science Foundation

Mr. David Nelson, Exec. Dir.,
Office of Energy Research

RCI Advisors, Executive Consultants and Key Associates

FROM: J. Richard Sherman *Link*

**SUBJECT: U.S. Government Report
"Grand Challenges: High Performance
Computing and Communications" -
The FY 1992 U.S. Research and Development Program**

The subject report was prepared by the Committee on Physical, Mathematical, and Engineering Sciences; Federal Coordinating Council for Science, Engineering, and Technology-President's Office of Science and Technology Policy. The report was intended to supplement the President's fiscal year 1992 budget process.

We appreciate the National Science Foundation making copies of the report available to RCI for delivery to its members, advisors, executive consultants and key associates, worldwide. We hope that you find the enclosed report as interesting as our reviewers indicate that it is.

Enclosure

RCI EUROPE
c/o Giacomo Polosa
Via Savoia, 78
00198 Rome, Italy
39.6.854.3241
FAX 39.6.844.0738

RESEARCH CONSORTIUM, Inc.
7429 Bush Lake Road
Minneapolis, MN 55439
612.835.9559
FAX 612.835.9402

RCI JAPAN
c/o Jim Geisman
21 Cochituate Road
Wayland, MA 01778
508.358.2154
FAX 508.358.6350

"CORRESPONDENCE TRACKING"

TYPE: INFORMATION

DOCUMENT NUMBER: 9120373

FROM: KAY, KENNETH R. (COMPUTER SYSTEMS POLICY PROJECT)

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 02/11/91

SUBJECT: HIGH PERFORMANCE COMPUTING AND COMMUNICATIONS
ADVISORY COMMITTEE.

ASSIGNED TO:

ACTION REQUIRED:

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED:

COPIES TO: Thomas Welch
D. Allan Bromley
Dr. Wong

WHITE HOUSE TRACKING #:

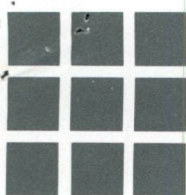
CONTACT PERSON:

REMARKS:

DATE RECEIVED: 02/12/91

FILE: HIGH PERFORMANCE COMPUTING

P-Physical Sciences -



Computer
Systems
Policy
Project

9,0373

February 11, 1991

RECEIVED

91 FEB 12 10:22

OFFICE OF THE
DIRECTOR

John Sculley Apple

Dr. D. Allan Bromley
Science Advisor to the President
The White House
Washington, D.C.

Joseph R. Canion Compaq

Dear Allan:

Lawrence Perlman Control Data

As you know, the Computer Systems Policy Project (CSPP) was formed in the fall of 1989 by the chief executives of eleven U.S. computer systems companies to provide themselves with a forum to discuss and develop public policy positions on critical technology and trade issues.

John A. Rollwagen Cray Research

As executive director of CSPP, I am writing to commend the Administration's initiative to launch a major federal program on High Performance Computing and Communications (HPCC). The members of CSPP strongly believe that this is an important program for their industry and country.

Kenneth H. Olsen Digital

John A. Young Hewlett-Packard

In particular, CSPP is pleased to learn that as part of that initiative, an HPCC advisory committee, including industrial representatives, will be established under the general auspices of the President's Council of Advisors on Science and Technology. In this regard, I would like to recommend that Mr. John Rollwagen, CEO of Cray Research, and Mr. John Sculley, CEO of Apple Computer, Inc., be members of that committee.

John F. Akers IBM

Charles E. Exley, Jr. NCR

The outstanding qualifications and experience of these senior executives would be an asset to the committee. Furthermore, as a result of their participation in CSPP, they are uniquely capable of representing the industry on this important issue.

Scott G. McNealy Sun Microsystems

Thank you for your consideration and I look forward to working with you in the months ahead.

Sincerely,

James G. Treybig Tandem

Kenneth R. Kay
Executive Director
Computer Systems Policy Project

James A. Unruh Unisys

cc: John Young
John Akers
John Rollwagen
John Sculley

KENNETH R. KAY, Executive Director
1735 New York Avenue, NW Suite 500
Washington, DC 20006
202 628-1700 (Fax) 202 331-1024

"CORRESPONDENCE TRACKING"

TYPE: INFORMATION

DOCUMENT NUMBER: 9120260

FROM: KING, KENNETH M.

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 01/28/91

SUBJECT: LETTER SENT TO CONGRESSIONAL RESEARCH AND EDUCATION
COMMITTEES BY THE PARTNERSHIP FOR THE NATIONAL
RESEARCH AND EDUCATION NETWORK

ASSIGNED TO:

ACTION REQUIRED:

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED:

COPIES TO: D. Allan Bromley
Dr. Wong
Thomas Ratchford

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

DATE RECEIVED: 01/29/91

FILE: HIGH PERFORMANCE COMPUTING

p-physical Sciences -



9/20260

EDUCOM

RECEIVED

91 JAN 29 A 9:24

Suite 600
1112 Sixteenth Street, NW
Washington, DC 20036
202 872-4200
FAX: 202 872-4318

OFFICE OF THE
DIRECTOR

January 28, 1991

The Honorable D. Allan Bromley
Assistant to the President for Science and Technology (OSTP)
Old Executive Office Building
Suite 358
17th & Pennsylvania, NW
Washington, DC 20506

Dear Dr. Bromley,

The Partnership for the National Research and Education Network recently sent a letter to Congressional research and education committees supporting the creation of the NREN. I am enclosing a copy of the letter for your information.

We are most appreciative of your personal leadership and support for the NREN, which has been extremely effective in advancing the program for the network. The forthcoming High Performance Computing funding proposal for FY92 and related NREN plan will be studied with care by our members. As opportunities arise in coming months, the members of the NREN Partnership will be pleased to work with the Administration in furthering the purposes of the network as described in the Partnership's enclosed policy statement.

Sincerely,

Kenneth M. King
President

Enclosure

cc: Dr. Wong
Dr. Huray



January 25, 1991

Suite 600
1112 Sixteenth Street, NW
Washington, DC 20036
202 872-4200
FAX: 202 872-4318

The Honorable Ernest F. Hollings, Chairman
Commerce, Science and Transportation Committee

The Honorable John Danforth
Commerce, Science and Transportation Committee

The Honorable Albert Gore Jr., Chairman
Subcommittee on Science, Technology and Space

The Honorable Larry Pressler
Subcommittee on Science, Technology and Space

Dear Senators,

The Partnership for the National Research and Education Network is writing to request your support of legislation for a high capacity national computer network to serve a broad range of research and education purposes. The Partnership, whose current members are listed below, encompasses a number of education, library and computing organizations and associations.

The NREN will be critical to increasing the nation's research productivity and economic competitiveness through rapid diffusion of research and educational technology that meets national needs. For the past several years, a number of federal agencies, several state and regional network organizations, and many colleges and universities have been working to bring the benefits of high performance computing and advanced networks to their instruction and research programs. Considerable progress has been made, with hundreds of campuses and research sites already connected to existing low to medium speed networks. The initial successes and potential for far greater positive impact on the nation's research capability, as well as improvements in educational productivity, call for the stimulus of federal investment.

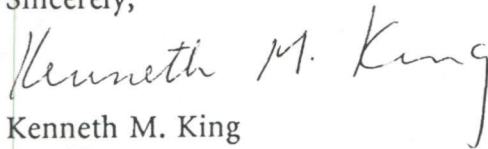
To realize these objectives, NREN legislation must incorporate the key points listed on the attachment. In summary, these points are based on a conviction by the members of the NREN Partnership that:

- Creation of a federal, state and local networking partnership, with contributions from all levels, will be essential to the success of the network;
- Education in its broadest sense complements established research objectives as a reason for development of the NREN;
- All involved constituencies of the NREN must have a voice in the development of network policy.
- All fifty states should be provided high capacity access to the network.

It is anticipated that the President will include a proposal on the NREN in his FY92 budget; however, there are a number of issues unaddressed by current Administration plans that we believe require legislative action by the Congress. In addition, although Congressional hearings were held last year, and S.1067 (The High Performance Computing Act of 1990) passed the Senate, the bill did not include many of the provisions we believe are essential to the success of the NREN.

We look forward to congressional hearings in this session on bills incorporating these points and to working with you on this important legislation.

Sincerely,



Kenneth M. King
President

cc: Members of the Commerce, Science and Transportation Committee

Members of the Partnership for the National Research and Education Network

Advanced Network & Services Incorporated
American Association of Law Libraries
American Association of State Colleges & Universities
American Council on Education
American Library Association
Apple Computer Corporation
Association of American Universities
Association of Research Libraries
AT&T
Bell Atlantic
CAUSE
Chief Officers of State Library Agencies
Coalition for Networked Information
Computing Research Association
Corporation for Research and Educational Networking
EDUCOM
The Federation of American Research Networks
IBM/Academic Information Systems
MCI Corporation
National Association of State Universities and Land-Grant Colleges
Special Libraries Association