

Originally Processed With FOIA(s):  
2005-0336-F

FOIA Number:  
2005-0336-F

# FOIA MARKER

**This is not a textual record. This is used as an administrative marker by the George Bush Presidential Library Staff.**

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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:** Correspondence Files

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**OA/ID Number:** 62000  
**Folder ID Number:** 62000-004

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**Folder Title:**  
D. Allan Bromley Correspondence A-G [4 of 4] [1991]

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

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# Withdrawal/Redaction Sheet

## (George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
01. Letter	To: Eric Greene From: Allan Bromley Re: Joint Commission on Basic Scientific Research (2 pp.)	9/25/91	(b)(1)	

**Collection:**

**Record Group:** Bush Presidential Records  
**Office:** Science and Technology Policy, Office of (OSTP)  
**Series:** Bromley, D. Allan, Files  
**Subseries:** Correspondence Files  
**WHORM Cat.:**  
**File Location:** D. Allan Bromley Correspondence A-G [4 of 4] [1991]

<b>Date Closed:</b> 2/1/2010	<b>OA/ID Number:</b> 62000-004
<b>FOIA/SYS Case #:</b> 2005-0336-F	<b>Appeal Case #:</b>
<b>Re-review Case #:</b>	<b>Appeal Disposition:</b>
<b>P-2/P-5 Review Case #:</b>	<b>Disposition Date:</b>
<b>AR Case #:</b>	<b>MR Case #:</b>
<b>AR Disposition:</b>	<b>MR Disposition:</b>
<b>AR Disposition Date:</b>	<b>MR Disposition Date:</b>

### RESTRICTION CODES

**Presidential Records Act - [44 U.S.C. 2204(a)]**

- P-1 National Security Classified Information [(a)(1) of the PRA]
- P-2 Relating to the appointment to Federal office [(a)(2) of the PRA]
- P-3 Release would violate a Federal statute [(a)(3) of the PRA]
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- P-5 Release would disclose confidential advice between the President and his advisors, or between such advisors [(a)(5) of the PRA]
- P-6 Release would constitute a clearly unwarranted invasion of personal privacy [(a)(6) of the PRA]

C. Closed in accordance with restrictions contained in donor's deed of gift.

PRM. Removed as a personal record misfile.

**Freedom of Information Act - [5 U.S.C. 552(b)]**

- (b)(1) National security classified information [(b)(1) of the FOIA]
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- (b)(8) Release would disclose information concerning the regulation of financial institutions [(b)(8) of the FOIA]
- (b)(9) Release would disclose geological or geophysical information

THE WHITE HOUSE

Sept 27, 1991

Dear Senator Gann:

Many thanks for your continuing support of OSTP. We shall do our very best to live up to your expectations for us. Whenever there is something that

we might be able to do that would be helpful to you or to your staff please let me know.

Again my warmest thanks for your most effective support.

Sincerely

Alan

THE WHITE HOUSE

Sept 27, 1991

Dear Bill: <sup>Green</sup>

Warmest thanks for your very effective support of OBT and of what we are trying to do. Please let me know when we can be helpful in any way.

I much appreciate your taking time to see me earlier this week and it was a great pleasure to meet Mrs. Green in Baltimore.

Again, warmest thanks!

Sincerely  
Alan

THE WHITE HOUSE  
WASHINGTON

September 20, 1991

Dear Jack:

Your article with Peter Blair in the July **Physics Today** entitled **U.S. Energy Transition: On Getting From Here to There** is an excellent statement of the problem and I would simply take this occasion to congratulate you on it.

Many thanks for sending me a reprint.

With warmest best wishes,

Sincerely yours,



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

Dr. John H. Gibbons  
Director  
Office of Technology Assessment  
600 Pennsylvania Avenue, S.E.  
Washington, D.C. 20510

THE WHITE HOUSE  
WASHINGTON

September 9, 1991

Dear Ms. Gordon:

What a pleasure to receive your letter and a copy of your book. After reading it, the book will become a part of my personal library. I appreciate your remembering me this way.

My best wishes,

Sincerely,

A handwritten signature in black ink, appearing to read "D. Allan Bromley". The signature is fluid and cursive, with a large initial "D" and "B".

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

Ms. Anita Gordon  
Producer  
Quirks and Quarks  
CBC Radio  
Box 500, Station "A"  
Toronto, Ontario  
M5W 1E6

"CORRESPONDENCE TRACKING"

TYPE: INFORMATION DOCUMENT NUMBER: 9123536  
ORIGINATOR: 02 STATUS C DIRECTORATE STATUS  
\*\*\*\*\*

FROM: GORDON, Anita: CANADIAN BROADCASTING CORPORATION

TO: DR. D.A. BROMLEY

DATE OF CORRESPONDENCE: 08/04/91

SUBJECT: A COPY OF THE BOOK, "IT'S A MATTER OF SURVIVAL".

*Damar  
Note of Thanks  
please  
DAB*

\*\*\*\*\*  
DIRECTORATE STAFF  
ASSIGNED: ASSIGNED:

ACTION STAFF  
REQUIRED: ACTION:

\*\*\*\*\*  
SENDER'S DUE DATE:  
OSTP DUE DATE: STAFF DUE DATE  
DATE COMPLETED: DATE COMPLETED/DEPT:

\*\*\*\*\*  
COPIES TO: D. Allan Bromley  
ENVIRONMENT

\*\*\*\*\*  
WHITE HOUSE TRACKING #: CONTACT PERSON:  
REMARKS: Enclosure to DAB. PHONE: EXT:

OSTP RECEIVED: 08/20/91  
DEPT RECEIVED:

FILE: ENVIRONMENT-GLOBAL CHANGE

THE WHITE HOUSE

August 1, 91

Dear Mary: (Good)

I am assured that all the  
necessary arrangements for a PRASST  
member will be well in hand  
before our Sept 12/13 meeting  
but just in case I am pleased  
to invite you to join us in any

event. We began at 9:30 AM on  
Thursday and end at noon on  
Friday. It will be a great pleasure  
to have you aboard.

With all best wishes

Sincerely

Allan

P.S. We will send you all the necessary  
papers prior to the meeting.

THE WHITE HOUSE

WASHINGTON

July 29, 1991

MEMORANDUM FOR MEMBERS OF THE PRESIDENT'S COUNCIL OF  
ADVISORS ON SCIENCE AND TECHNOLOGY

FROM: D. ALLAN BROMLEY  
CHAIRMAN

*Duan*

SUBJECT: September PCAST Meeting

The various advisory groups and panels under PCAST in which you are participating are now in the final stages of formation. Because we have decided not to have an August meeting, I trust you will have time to focus on the substantive discussions underway in your respective panels.

The September meeting should provide us with an excellent opportunity to begin preliminary, substantive discussions on the issues currently underway in the various panels. It will also afford us an opportunity to become familiar with the issues, and receive initial feedback and guidance from our colleagues. To provide each of you with adequate preparation before the next meeting, and to maximize our productivity, I am requesting of the panel chairs: 1) a brief, one page summary giving the status of their panel's work; 2) lists of issues that should be discussed at the September meeting, and 3) draft documents that could serve as the basis for discussion within PCAST in September and with the President at later meetings.

Please send this material to the PCAST office by August 26. This will allow sufficient time to review and distribute the material and make any necessary changes to the agenda. I only remind you that the documents should be marked as draft and for limited official use only.

Thank you.

# Withdrawal/Redaction Sheet (George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
02. Letter	To: Walter Gibson From: Allan Bromley Re: Joint Commission on Basic Scientific Research (2 pp.)	7/24/91	(b)(1)	

**Collection:**

**Record Group:** Bush Presidential Records  
**Office:** Science and Technology Policy, Office of (OSTP)  
**Series:** Bromley, D. Allan, Files  
**Subseries:** Correspondence Files  
**WHORM Cat.:**  
**File Location:** D. Allan Bromley Correspondence A-G [4 of 4] [1991]

<b>Date Closed:</b> 2/1/2010	<b>OA/ID Number:</b> 62000-004
<b>FOIA/SYS Case #:</b> 2005-0336-F	<b>Appeal Case #:</b>
<b>Re-review Case #:</b>	<b>Appeal Disposition:</b>
<b>P-2/P-5 Review Case #:</b>	<b>Disposition Date:</b>
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<b>AR Disposition Date:</b>	<b>MR Disposition Date:</b>

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THE WHITE HOUSE  
WASHINGTON

July 19, 1991

MEMORANDUM FOR BOB GATES

FROM: D. ALLAN BROMLEY *Allan*  
SUBJECT: MEETING OF THE PCAST PANEL ON SCIENCE,  
TECHNOLOGY AND NATIONAL SECURITY

I would very much like to invite you to meet with the newly-formed PCAST Panel on Science, Technology and National Security on August 6 at 11:00 a.m. We would like to hear your views on future national security problems and the contributions technology should make to their solution. If there are problems with your schedule, we would be happy to invite you to a later meeting. Your contribution would be most helpful. If you cannot make the August meeting, I would appreciate your suggesting an alternate representative from your office.

Please contact Charles Herzfeld, Senior Director for the Panel, at X-7711 for any further details about the meeting.

Attachments:

Tentative Agenda  
List of Panel Members  
Terms of Reference

THE WHITE HOUSE  
WASHINGTON

July 19, 1991

MEMORANDUM FOR BRENT SCOWCROFT

FROM: D. ALLAN BROMLEY *Alan*  
SUBJECT; MEETING OF THE PCAST PANEL ON SCIENCE,  
TECHNOLOGY AND NATIONAL SECURITY

We hope that you will be able to participate in the first meeting of the PCAST Panel on Science, Technology and National Security on August 5 at 11:00 a.m. We would like you to describe your views of the background, possible objectives of the PCAST study, and your major concerns. A 20-minute presentation with about a 40-minute discussion would be ideal. We also invite you to join us for lunch in the Indian Treaty Room at 12:00 noon. If this date and time are impossible for you, perhaps you could participate on Tuesday, August 6. In case neither dates are possible, I would appreciate very much if you would propose an alternate to present your views at the August meeting, and I would hope that you will be able to meet with the Panel at a later date.

Please contact Charles Herzfeld, Senior Director for the Panel, at X-7711 for any further details on the meeting.

Attachments:

Tentative Agenda  
List of Panel Members  
Terms of Reference

THE WHITE HOUSE  
WASHINGTON

MEETING OF THE  
PANEL ON SCIENCE AND TECHNOLOGY AND NATIONAL SECURITY  
OF THE  
PRESIDENT'S COUNCIL OF ADVISORS ON SCIENCE AND TECHNOLOGY  
ROOM 476, OLD EXECUTIVE OFFICE BUILDING  
AUGUST 5-6, 1991

Monday, August 5

9:00 - 9:15 Thomas Welch: PCAST Matters  
9:15 - 9:20 Charles Herzfeld: Panel Matters  
9:30 - 10:30 D. Allan Bromley: Welcome, Background, Objectives, Discussion  
10:30 - 11:00 Break  
11:00 - 12:00 Brent Scowcroft: Background, Objectives, Discussion  
12:00 - 13:00 LUNCH AND DISCUSSION (ROOM 474)  
13:00 - 15:00 Prepared Discussion Points by Members  
15:00 - 17:00 Discussion of Approach

Tuesday, August 6

9:00 - 10:00 Richard Cheney, Secretary of Defense  
10:00 - 10:30 Panel Discussion  
10:30 - 11:00 Break  
11:00 - 12:00 Robert Gates  
12:00 - 13:00 LUNCH AND DISCUSSION (ROOM 474)  
13:00 - 14:30 Prepared Discussion by Panel Members  
14:30 - 15:00 Break  
15:00 - 16:00 D. A. Bromley - Discussion

PRESIDENT'S COUNCIL OF ADVISORS  
ON SCIENCE AND TECHNOLOGY

PANEL ON  
SCIENCE, TECHNOLOGY AND NATIONAL SECURITY

Chairman

---

Solomon J. Buchsbaum

Senior Vice President  
Technology Systems  
AT&T Bell Laboratories  
Member of PCAST  
(908) 582-5564

Vice Chairman

---

John S. Foster

Vice President  
Science and Technology  
TRW, Inc.  
(213) 812-1846  
and  
Chairman  
Defense Science Board

Panel Members

---

David Packard

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Member of PCAST  
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(818) 354-3405 - Secretary

Norman Augustine

Chairman and Chief Executive Officer  
Martin Marietta Corporation  
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Bethesda, MD 20817  
(301) 897-6185

George Heilmeier

President and Chief Executive Officer  
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School of Business and Administration  
Duquesne University  
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Pittsburg, PA 15282  
(412) 434-5156

Office of Science and Technology Policy Representatives

Michelle Van Cleave

Assistant Director for National Security  
(202) 395-7326

Charles Herzfeld

Senior Director of the Panel  
(202) 456-7711

THE WHITE HOUSE

WASHINGTON

July 19, 1991

MEMORANDUM FOR SOLOMON J. BUCHSBAUM  
CHAIRMAN, PRESIDENT'S COUNCIL OF ADVISERS ON  
SCIENCE AND TECHNOLOGY (PCAST)

JOHN S. FOSTER  
CHAIRMAN, DEFENSE SCIENCE BOARD

FROM: D. ALLAN BROMLEY 

SUBJECT: REVISED TERMS OF REFERENCE FOR THE PCAST PANEL  
ON SCIENCE, TECHNOLOGY AND NATIONAL SECURITY

You are requested to establish a PCAST Panel on Science, Technology and National Security.

The purpose of this Panel is to enable the PCAST to advise the President on selected policy issues related to science and technology and the national security interests and objectives of the United States.

In his "National Security Strategy of the United States", the President has put forth the enduring elements of our national strategy and the broad agenda needed to satisfy the goals of that strategy. The President's report also addressed future opportunities and uncertainties and stated his policy for political, economic and defense initiatives. In his report, the President acknowledged that the economic and military strength of the United States rests on scientific and technological superiority.

The President, in his national security strategy report said: "Broadly and properly understood, our national security is shaped by the totality of the domestic and international environment--an environment that is today dramatically changing." It is because of these dramatic changes that I believe there may be a need for national level guidance on the expenditure of federal funds supporting science and technology, and how best to support national security using the fruits of science and technology. As we prepare this guidance, the advice of PCAST would be most helpful.

The "U.S. Technology Policy" of the White House Office of Science and Technology Policy responds to the President's national security strategy. The paper presents a strategy to implement technology policy and recognizes the role of the private sector, and state and Federal governments in implementing this policy. Among Federal responsibilities, the paper requires the maintenance of ". . . a strong Defense technology base to provide options for future weapons systems development and to help avoid technological surprises by potential adversaries." The paper notes that "Special emphasis needs to be placed on shortening the time required for transferring R&D results to production and on using commercial products."

The Department of Defense has published statements of its technology policy, for example, the Secretary of Defense's Annual Report to the Congress. Over the years, this report has consistently stressed the importance of U.S. technological superiority as a goal. The technology policy and strategy of DoD is also guided by the work of its Defense Science Board and particular note is made of the DSB's report of its 1990 Summer Study: "Research and Development Strategies for the 1990s." Also of note is the current "Defense Technology Strategy and Action Plan" of the Office of the Director, Defense Research and Engineering, Department of Defense. Finally, administration science and technology policy development benefits extensively from private sector efforts.

I would like the Panel on Science, Technology and National Security to define and discuss:


- the role science and technology is expected to play vis-a-vis national security during the decade of the 1990's; and
- how well the government is carrying out that role; identifying gaps or deficiencies in activities being conducted or sponsored by the government; and, identifying alternate mechanisms, if appropriate.

The Panel should base its deliberations primarily on prior work of others. I expect the Panel to consider science and technology programs, present or planned, in all government agencies and departments directly or indirectly responsible for key aspects of national security. Thus, the Panel will look beyond Department of Defense and Department of Energy military programs.

The Panel shall submit a preliminary report to the PCAST within 3 months and a final report 6 months after the Panel's first meeting.

The Office of the Assistant Director for National Security, Office of Science and Technology Policy will sponsor this Panel. Drs. Solomon J. Buchsbaum and John S. Foster will serve as Co-Chairmen. Dr. Charles Herzfeld will serve as Senior Director, and Mr. William Snyder will be the PCAST Secretariat representative.

Approved:

  
\_\_\_\_\_  
D. Allan Bromley  
Assistant to the President for Science and Technology  
Chairman, President's Council of Advisors on Science and Technology

  
\_\_\_\_\_  
Date

# Withdrawal/Redaction Sheet

## (George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
03a. Letter	To: Walter Gibson From: Allan Bromley Re: Joint Commission on Basic Scientific Research (2 pp.)	7/24/91	(b)(1)	

**Collection:**

**Record Group:** Bush Presidential Records  
**Office:** Science and Technology Policy, Office of (OSTP)  
**Series:** Bromley, D. Allan, Files  
**Subseries:** Correspondence Files  
**WHORM Cat.:**  
**File Location:** D. Allan Bromley Correspondence A-G [4 of 4] [1991]

<b>Date Closed:</b>	2/1/2010	<b>OA/ID Number:</b>	62000-004
<b>FOIA/SYS Case #:</b>	2005-0336-F	<b>Appeal Case #:</b>	
<b>Re-review Case #:</b>		<b>Appeal Disposition:</b>	
<b>P-2/P-5 Review Case #:</b>		<b>Disposition Date:</b>	
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PRM. Removed as a personal record misfile.

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# Withdrawal/Redaction Sheet

## (George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
03b. Cover Sheet	Cover sheet for letter to Allan Bromley From: E.P. Velikhov (1 pp.)	4/22/91	(b)(1)	

**Collection:**

**Record Group:** Bush Presidential Records  
**Office:** Science and Technology Policy, Office of (OSTP)  
**Series:** Bromley, D. Allan, Files  
**Subseries:** Correspondence Files  
**WHORM Cat.:**  
**File Location:** D. Allan Bromley Correspondence A-G [4 of 4] [1991]

<b>Date Closed:</b> 2/1/2010	<b>OA/ID Number:</b> 62000-004
<b>FOIA/SYS Case #:</b> 2005-0336-F	<b>Appeal Case #:</b>
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03c. Letter	To: E.P. Velikhov From: Walter Gibson Re: Joint Commission on Basic Scientific Research, Visit of M.A. Kumahov (4 pp.)	4/22/91	(b)(1)	

**Collection:**

**Record Group:** Bush Presidential Records  
**Office:** Science and Technology Policy, Office of (OSTP)  
**Series:** Bromley, D. Allan, Files  
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Nuclear Methods Group Seminar

Wednesday, April 17, 11.00a.m.

# New Neutron Optics with Wide Angular Aperture

Prof. Muridan A. Kumakhov

Director, Institute for Roentgen Optics Systems, Moscow, USSR  
Head, Radiation Physics, Kurchatov Institute of Atomic Physics, Moscow

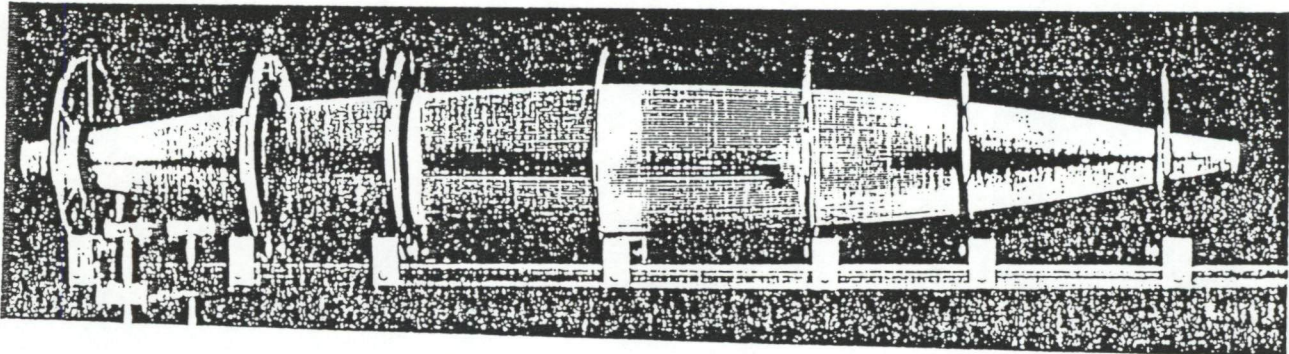
and

Prof. Walter M. Gibson

Physics Department, State University of New York at Albany

Using special optical geometric structures which take advantage of high reflectivity of cold and thermal neutrons from smooth surfaces at small incident angles, neutron beams can be focused and controlled. Although most of the properties of these new optics have been demonstrated with photons in the X-ray region, preliminary tests with thermal neutrons show that this experience can be translated to neutrons if special high purity materials are used in lens construction. Principles and some applications of these new optics will be discussed.

Old Conference Room B100, Reactor Bldg. Wednesday April 17, 1991  
11.00 a.m. (NIST contact: D.F.R. Mildner 975-6366)



*National Institute of Standards and  
Technology*

# Withdrawal/Redaction Sheet

## (George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
04a. Letter	To: J.P. Gupta From: Allan Bromley Re: Indian Science and Technology appointments (1 pp.)	7/9/91	(b)(1)	

**Collection:**

**Record Group:** Bush Presidential Records  
**Office:** Science and Technology Policy, Office of (OSTP)  
**Series:** Bromley, D. Allan, Files  
**Subseries:** Correspondence Files  
**WHORM Cat.:**  
**File Location:** D. Allan Bromley Correspondence A-G [4 of 4] [1991]

<b>Date Closed:</b> 2/1/2010	<b>OA/ID Number:</b> 62000-004
<b>FOIA/SYS Case #:</b> 2005-0336-F	<b>Appeal Case #:</b>
<b>Re-review Case #:</b>	<b>Appeal Disposition:</b>
<b>P-2/P-5 Review Case #:</b>	<b>Disposition Date:</b>
<b>AR Case #:</b>	<b>MR Case #:</b>
<b>AR Disposition:</b>	<b>MR Disposition:</b>
<b>AR Disposition Date:</b>	<b>MR Disposition Date:</b>

### RESTRICTION CODES

Presidential Records Act - [44 U.S.C. 2204(a)]

P-1 National Security Classified Information [(a)(1) of the PRA]  
P-2 Relating to the appointment to Federal office [(a)(2) of the PRA]  
P-3 Release would violate a Federal statute [(a)(3) of the PRA]  
P-4 Release would disclose trade secrets or confidential commercial or financial information [(a)(4) of the PRA]  
P-5 Release would disclose confidential advice between the President and his advisors, or between such advisors [(a)(5) of the PRA]  
P-6 Release would constitute a clearly unwarranted invasion of personal privacy [(a)(6) of the PRA]

C. Closed in accordance with restrictions contained in donor's deed of gift.

PRM. Removed as a personal record misfile.

Freedom of Information Act - [5 U.S.C. 552(b)]

(b)(1) National security classified information [(b)(1) of the FOIA]  
(b)(2) Release would disclose internal personnel rules and practices of an agency [(b)(2) of the FOIA]  
(b)(3) Release would violate a Federal statute [(b)(3) of the FOIA]  
(b)(4) Release would disclose trade secrets or confidential or financial information [(b)(4) of the FOIA]  
(b)(6) Release would constitute a clearly unwarranted invasion of personal privacy [(b)(6) of the FOIA]  
(b)(7) Release would disclose information compiled for law enforcement purposes [(b)(7) of the FOIA]  
(b)(8) Release would disclose information concerning the regulation of financial institutions [(b)(8) of the FOIA]  
(b)(9) Release would disclose geological or geophysical information

# Withdrawal/Redaction Sheet (George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
04b. Letter	To: V.R. Gowarikar From: Allan Bromley Re: Indian Science and Technology appointments (1 pp.)	7/9/91	(b)(1)	

**Collection:**

**Record Group:** Bush Presidential Records  
**Office:** Science and Technology Policy, Office of (OSTP)  
**Series:** Bromley, D. Allan, Files  
**Subseries:** Correspondence Files  
**WHORM Cat.:**  
**File Location:** D. Allan Bromley Correspondence A-G [4 of 4] [1991]

<b>Date Closed:</b> 2/1/2010	<b>OA/ID Number:</b> 62000-004
<b>FOIA/SYS Case #:</b> 2005-0336-F	<b>Appeal Case #:</b>
<b>Re-review Case #:</b>	<b>Appeal Disposition:</b>
<b>P-2/P-5 Review Case #:</b>	<b>Disposition Date:</b>
<b>AR Case #:</b>	<b>MR Case #:</b>
<b>AR Disposition:</b>	<b>MR Disposition:</b>
<b>AR Disposition Date:</b>	<b>MR Disposition Date:</b>

### RESTRICTION CODES

Presidential Records Act - [44 U.S.C. 2204(a)]

P-1 National Security Classified Information [(a)(1) of the PRA]  
P-2 Relating to the appointment to Federal office [(a)(2) of the PRA]  
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# Withdrawal/Redaction Sheet

## (George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
04c. Letter	To: palle Rama Rao From: Allan Bromley Re: Indian Science and Technology appointments (1 pp.)	7/9/91	(b)(1)	

**Collection:**

**Record Group:** Bush Presidential Records  
**Office:** Science and Technology Policy, Office of (OSTP)  
**Series:** Bromley, D. Allan, Files  
**Subseries:** Correspondence Files  
**WHORM Cat.:**  
**File Location:** D. Allan Bromley Correspondence A-G [4 of 4] [1991]

<b>Date Closed:</b> 2/1/2010	<b>OA/ID Number:</b> 62000-004
<b>FOIA/SYS Case #:</b> 2005-0336-F	<b>Appeal Case #:</b>
<b>Re-review Case #:</b>	<b>Appeal Disposition:</b>
<b>P-2/P-5 Review Case #:</b>	<b>Disposition Date:</b>
<b>AR Case #:</b>	<b>MR Case #:</b>
<b>AR Disposition:</b>	<b>MR Disposition:</b>
<b>AR Disposition Date:</b>	<b>MR Disposition Date:</b>

### RESTRICTION CODES

Presidential Records Act - [44 U.S.C. 2204(a)]

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"CORRESPONDENCE TRACKING"

TYPE: INFORMATION

DOCUMENT NUMBER: 9121410

\*\*\*\*\*

FROM: GUPTA, J.P.: SCIENCE COUNSELLOR, EMBASSY OF INDIA

TO: DR. BROMLEY

DATE OF  
CORRESPONDENCE: 05/03/91

SUBJECT: DR. P. RAMA RAO HAS TAKEN OVER AS SECRETARY,  
DEPARTMENT OF SCIENCE & TECHNOLOGY, GOVERNMENT OF  
INDIA.

\*\*\*\*\*

ASSIGNED TO:

ACTION REQUIRED:

\*\*\*\*\*

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED:

-----

\*\*\*\*\*

COPIES TO: D. Allan Bromley  
INTERNATIONAL/POLICY

\*\*\*\*\*

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

DATE RECEIVED: 05/13/91

FILE: INTERNATIONAL

# Withdrawal/Redaction Sheet

## (George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
04d. Letter	To: Allan Bromley From: J.P Gupta Re: Indian Science and Technology appointments (1 pp.)	5/3/91	(b)(1)	

**Collection:**

**Record Group:** Bush Presidential Records  
**Office:** Science and Technology Policy, Office of (OSTP)  
**Series:** Bromley, D. Allan, Files  
**Subseries:** Correspondence Files  
**WHORM Cat.:**  
**File Location:** D. Allan Bromley Correspondence A-G [4 of 4] [1991]

<b>Date Closed:</b> 2/1/2010	<b>OA/ID Number:</b> 62000-004
<b>FOIA/SYS Case #:</b> 2005-0336-F	<b>Appeal Case #:</b>
<b>Re-review Case #:</b>	<b>Appeal Disposition:</b>
<b>P-2/P-5 Review Case #:</b>	<b>Disposition Date:</b>
<b>AR Case #:</b>	<b>MR Case #:</b>
<b>AR Disposition:</b>	<b>MR Disposition:</b>
<b>AR Disposition Date:</b>	<b>MR Disposition Date:</b>

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# Withdrawal/Redaction Sheet

## (George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
04e. Biography	Biography of Palle Rama Rao (2 pp.)		(b)(6)	

**Collection:**

**Record Group:** Bush Presidential Records  
**Office:** Science and Technology Policy, Office of (OSTP)  
**Series:** Bromley, D. Allan, Files  
**Subseries:** Correspondence Files  
**WHORM Cat.:**  
**File Location:** D. Allan Bromley Correspondence A-G [4 of 4] [1991]

<b>Date Closed:</b> 2/1/2010	<b>OA/ID Number:</b> 62000-004
<b>FOIA/SYS Case #:</b> 2005-0336-F	<b>Appeal Case #:</b>
<b>Re-review Case #:</b>	<b>Appeal Disposition:</b>
<b>P-2/P-5 Review Case #:</b>	<b>Disposition Date:</b>
<b>AR Case #:</b>	<b>MR Case #:</b>
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### RESTRICTION CODES

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- (b)(9) Release would disclose geological or geophysical information

Grady

THE WHITE HOUSE

June 10, 1991

Dear Bob:

The enclosed memo from Karl Erb is self-explanatory and very much to the point. May I then invite you formally to meet with RCAST at its next meeting (July 11-12) to

discuss "Issues for the 1993 Budget" with the members.

Please let me know if you can make this - any time this afternoon or 9-10 on Friday.

Many thanks

Ada

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

June 10, 1991

MEMORANDUM FOR D. ALLAN BROMLEY

FROM:

KARL A. ERB



SUBJECT:

July PCAST Meeting Agenda

The upcoming PCAST meeting provides a good occasion for gaining private sector perspective on some potentially troubling FY 1993 budget issues.

Last year's budget agreement places severe constraints on the FY 1993 S&T budget request. For example, all the R&D programs in the DOE Office of Energy Research, other than the SSC and the Presidential initiatives, are scheduled to remain at FY 1992 levels -- with no allowance for inflation -- for the next several years. The programs for which funding is frozen include the basic energy sciences, the biological and environmental sciences, nuclear physics, high energy physics, and fusion energy. In several of these, new facilities will require increased funding for operations. In others (high energy physics, fusion energy), major new construction starts are being discussed. It will be difficult to avoid impacting individual investigator and university-based research. Moreover, the Presidential commitment that the SSC will not be built at the expense of other science will be abrogated if all programs other than the SSC suffer decreased real funding.

For NSF and NASA, serious problems also appear in store.

I suggest that we set aside time to discuss "Issues for the FY 1993 Budget" with the PCAST at their next meeting.

cc: Thomas J. Welch

THE WHITE HOUSE

WASHINGTON

July 9, 1991

Dear Len:

This is a belated reply to your letter of June 18 which arrived while I was prowling about the middle of Siberia.

It is unfortunate but I expect to be out of the country from the 16th of August through the 3rd of September. This is a time when government essentially shuts down and when everyone takes vacation. In my case, this will be somewhat unique because it will be the first time that both my children and their spouses, and children, will get together at our place up in Canada for two weeks. That being the case, I am afraid that I will not be available when you are in the Washington area and I very much regret that I will not be able to get together with you.

Our schedules are showing an alarming tendency to be orthogonal and I hope that we can do something about that on your next visit.

In the meantime, my very warmest best wishes to both you and Lee.

Sincerely yours,



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

Dr. Leonard Goldman  
22 Claremont Crescent  
Berkeley, California 94705

June 18, 1991  
22 Claremont Crescent  
Berkeley, Ca 94705

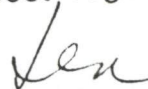
Dear Allan,

I will be coming into the Washington area on August 25-27 for a meeting with DOE on a fusion contract we are working on. Would you be free any of those evenings for a purely social dinner to chat about old times and family etc.

I am still at Bechtel and expect to stay in California until next spring when we are planning to settle in Chapel Hill North Carolina closer to our children and grand children. All the details can wait until we get together.

Looking forward to seeing you.

Best regards,



Len Goldman

THE WHITE HOUSE

WASHINGTON

April 25, 1991

Dear John:

Many thanks for sending me the copy of the "ITER Conceptual Design Activities Final Report". This is an impressive document and one of which you can be justly proud.

I remain convinced that this is one of our most successful international research and development activities to date and look forward to the succeeding phases.

Again, my thanks and with all best wishes,

Sincerely yours,



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

Dr. John R. Gilleland  
Vice President for Research and Development  
Bechtel  
Overseas Incorporated  
P.O. Box 193965  
50 Beale Street  
San Francisco, California 94105-1895

"CORRESPONDENCE TRACKING"

TYPE: INFORMATION

DOCUMENT NUMBER: 9121123

\*\*\*\*\*

FROM: GILLELAND, John R.: BECHTEL

TO: DR. BROMLEY

DATE OF  
CORRESPONDENCE: 04/12/91

SUBJECT: THE ITER CONCEPTUAL DESIGN ACTIVITES FINAL REPORT.

\*\*\*\*\*

ASSIGNED TO:

ACTION REQUIRED:

\*\*\*\*\*

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED: -----

\*\*\*\*\*

COPIES TO: D. Allan Bromley  
Dr. Wong  
*Dr. Rotchford*

\*\*\*\*\*

WHITE HOUSE TRACKING #:

- CONTACT PERSON:

REMARKS:

DATE RECEIVED: 04/15/91

FILE: ENERGY

# Bechtel

50 Beale Street  
San Francisco, CA 94105-1895

Mailing address: P.O. Box 193965  
San Francisco, CA 94119-3965

RECEIVED

61 APR 15 P 5: 12

OFFICE OF THE  
DIRECTOR April 12, 1991

Hon. D. Allan Bromley  
Assistant to the President for  
Science & Technology  
Old Executive Office Building  
17th Street & Pennsylvania Avenue, NW  
Washington, DC 20506

Dear Allan,

Enclosed is the "ITER Conceptual Design Activities Final Report". The report is a very short summary endorsed by all four parties. Pages 14 through 19 are therefore worth reading. I will be happy to answer any questions.



John R. Gilleland  
Vice President, R&D

JRG:za

Enclosure



Overseas Bechtel, Incorporated

# Withdrawal/Redaction Sheet (George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
05. Letter	To: Jose Goldemberg From: Allan Bromley Re: Science and Technology Agreement (1 pp.)	6/10/91	(b)(1)	

**Collection:**

**Record Group:** Bush Presidential Records  
**Office:** Science and Technology Policy, Office of (OSTP)  
**Series:** Bromley, D. Allan, Files  
**Subseries:** Correspondence Files  
**WHORM Cat.:**  
**File Location:** D. Allan Bromley Correspondence A-G [4 of 4] [1991]

<b>Date Closed:</b> 2/1/2010	<b>OA/ID Number:</b> 62000-004
<b>FOIA/SYS Case #:</b> 2005-0336-F	<b>Appeal Case #:</b>
<b>Re-review Case #:</b>	<b>Appeal Disposition:</b>
<b>P-2/P-5 Review Case #:</b>	<b>Disposition Date:</b>
<b>AR Case #:</b>	<b>MR Case #:</b>
<b>AR Disposition:</b>	<b>MR Disposition:</b>
<b>AR Disposition Date:</b>	<b>MR Disposition Date:</b>

### RESTRICTION CODES

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THE WHITE HOUSE  
WASHINGTON

April 18, 1991

Dear Gordon,

Many thanks for your note. It was a very pleasant occasion for me at Ohio State and a very great honor.

I was particularly pleased to have the opportunity to meet and chat with you, and let me only reinforce the offer made then to put you in touch with some of my friends at NIH who may be in a position to be helpful to you.

Again, let me thank you for the great honor that your university has done me, and let me say what a personal pleasure it was meeting you on the commencement occasion. I hope that our paths will cross soon and often.

With warmest best wishes, please let me know if I can be of any help.

Sincerely yours,



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

Professor E. Gordon Gee  
President  
The Ohio State University  
205 Bricker Hall  
190 North Oval Mall  
Columbus, Ohio 43210-1357

*I was good to see you  
at the Ohio meeting.*

# Withdrawal/Redaction Sheet

## (George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
06. Letter	To: Jose Goldemberg From: Allan Bromley Re: Science and Technology (2 pp.)	3/26/91	(b)(1)	

**Collection:**

**Record Group:** Bush Presidential Records  
**Office:** Science and Technology Policy, Office of (OSTP)  
**Series:** Bromley, D. Allan, Files  
**Subseries:** Correspondence Files  
**WHORM Cat.:**  
**File Location:** D. Allan Bromley Correspondence A-G [4 of 4] [1991]

<b>Date Closed:</b>	2/1/2010	<b>OA/ID Number:</b>	62000-004
<b>FOIA/SYS Case #:</b>	2005-0336-F	<b>Appeal Case #:</b>	
<b>Re-review Case #:</b>		<b>Appeal Disposition:</b>	
<b>P-2/P-5 Review Case #:</b>		<b>Disposition Date:</b>	
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<b>AR Disposition:</b>		<b>MR Disposition:</b>	
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SECRETARIAT FOR SCIENCE AND TECHNOLOGY  
PRESIDENCY OF THE REPUBLIC  
ESPLANADA DOS MINISTERIOS, BLOCO "E" 4o. ANDAR  
BRASILIA-DF - BRAZIL - 70.062  
PHONES: 223 4134, 224 4364

FAX MESSAGE:

TO: DR. ALLAN BROMLEY - ASSISTANT FOR SCIENCE AND TECHNOLOGY  
WHITE HOUSE

FAX: 001 202 395 3261

FROM: PROF. JOSE GOLDEMBERG  
SECRETARY FOR SCIENCE AND TECHNOLOGY-BRAZIL

FAX: 5561 223 0564

NUMBER OF PAGES, INCLUDING THIS COVER SHEET: 01

\*\*\*\*\*

MARCH 06, 1991

SUBJECT: REQUEST OF A PAPER

IN YOUR RECENT TALK AT THE AAAS MEETING IN WASHINGTON YOU MADE  
REFERENCE TO A PAPER ON A SURVEY ON THE RETURN RATE OF  
INVESTMENTS IN R & D.

COULD YOU SEND ME THE COMPLETE REFERENCE (OR THE PAPER, IF  
POSSIBLE)?

BEST REGARDS

*Jose Goldemberg*  
JOSE GOLDEMBERG

*Have deg out a copy of  
the page proofs of the Mansfield  
paper.  
attached*

THE WHITE HOUSE  
WASHINGTON

March 11, 1991

Dear Professor Ghia:

Thank you for your letter of February 28, 1991, inviting me to be your guest of honor and featured speaker at your Annual Initiation Banquet scheduled for May 23 in Cincinnati, Ohio.

As much as I would like to join you, I must regretfully decline your kind invitation because I will be traveling during that time.

Thank you for thinking of me, and may I offer my best wishes for a successful banquet.

Sincerely yours,



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

Professor Urmila Ghia  
President, Sigma Xi, U.C. Chapter  
Department of Mechanical  
and Industrial Engineering  
Cincinnati, Ohio 45221-0072

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION-SPEECH

DOCUMENT NUMBER: 9120639

\*\*\*\*\*  
SPEECH: YES NO

FROM: GHIA, Urmila: THE UNIVERSITY OF CINCINNATI CHAPTER  
OF SIGMA XI

DATE OF EVENT: 05/23/91

LOCATION OF EVENT: CINCINNATI, OHIO

TIME OF EVENT: 05:00PM

SUBJECT: INVITATION TO BE THE GUEST OF HONOR AND FEATURED  
SPEAKER AT THE ANNUAL INITIATION BANQUET THIS  
SPRING.

\*\*\*\*\*

RSVP: 03/19/91

CONTACT PERSON:

CONTACT NUMBER: 513/556-0652

\*\*\*\*\*

INVITATION ACCEPTED?

YES

NO

\*\*\*\*\*

COPIES TO:

REMARKS:

DATE OF LETTER: 02/28/91

DATE RECEIVED: 03/05/91

FILE: INVITATION-SPEECH

URMILA GHIA - PRESIDENT  
DEPARTMENT OF  
MECHANICAL & INDUSTRIAL ENGINEERING  
CINCINNATI, OH 45221-0072  
PHONE (513) 556-6682

The University of Cincinnati Chapter of  
**Sigma Xi**  
The Society for the Promotion of Research

EDNA S. KANESHIRO - VICE PRESIDENT  
DEPARTMENT OF BIOLOGICAL SCIENCES  
CINCINNATI, OH 45221-0008  
PHONE (513) 556-7911

BRUCE C. MOULTON - SECRETARY  
DEPARTMENT OF OBSTETRICS AND GYNECOLOGY  
CINCINNATI, OH 45267-0626  
PHONE (513) 558-8485



JOEL S. WARM - TREASURER  
DEPARTMENT OF PSYCHOLOGY  
CINCINNATI, OH 45221-0376  
PHONE (513) 556-5533

February 28, 1991

Dr. Allen Bromley  
Director, Office of Science and Technology Policy  
Executive Office of the President  
Washington, D.C. 20500

Dear Dr. Bromley:

As discussed with your office via telephone this morning, on behalf of the University of Cincinnati Chapter of Sigma Xi, I would like to invite you to be the guest of honour and featured speaker at our Annual Initiation Banquet this spring. This year, the Banquet is scheduled for Thursday, May 23, 1991, beginning at 5:00 p.m.

Our chapter has a membership of over 550 with a wide range of interests and disciplines. Cincinnati also has a Federal Chapter of Sigma Xi.

We hope you find it possible to accept our invitation. Please let me know at your earliest convenience, so we can discuss the pertinent details. At this point, we may even have some flexibility in the date for the Banquet if the date quoted above is not very convenient for you.

Thank you very much for your consideration.

Sincerely,

*Urmila Ghia*

Urmila Ghia  
President, Sigma Xi, U.C. Chapter  
Professor of Mechanical  
Engineering

Phone Number: (513) 556-0652  
Fax Number: (513) 556-3390

UG/1k

Our Computational Fluid Dynamics Research Laboratory is the largest single user of the Ohio Supercomputer Center's CRAY YMP - 8/864 - the world's largest supercomputer today. As a member of the Futures group for this center, we are also engaging ourselves in the High Performance Computing Initiative, especially as regards massively parallel computation. Three-dimensional visualization of three-dimensional data is another of our equally challenging objectives.

THE WHITE HOUSE  
WASHINGTON

March 11, 1991

Dear Mr. Ginsberg:

Thank you for your letter of February 15, 1991, inviting me present the keynote address at your AURRP Conference scheduled for May 29, 1991 in Baltimore, Maryland.

As much as I would like to join you, I must regretfully decline your kind invitation because I will be travelling during that time period. I might suggest that you contact my Associate Director for Life Sciences, Dr. D.A. Henderson. He may be reached at 202/456-2892.

Thank you for thinking of me, and may I offer my best wishes for success in the activities of the Conference.

Sincerely yours,



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

Mr. William W. Ginsberg  
President and Chief Operating Officer  
Science Park Development Corporation  
Five Science Park  
New Haven, Connecticut 06511

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION-SPEECH

DOCUMENT NUMBER: 9120465

\*\*\*\*\*  
SPEECH: YES NO

FROM: GINSBERG, WILLIAM W.

DATE OF EVENT: 05/29/91

LOCATION OF EVENT: BALTIMORE, MD

TIME OF EVENT:

SUBJECT: INVITATION TO BE THE KEYNOTE SPEAKER AT THE AURRP  
1991 CONFERENCE.

\*\*\*\*\*

RSVP:

CONTACT PERSON:

CONTACT NUMBER:

\*\*\*\*\*

INVITATION ACCEPTED?

~~YES~~

NO

\*\*\*\*\*

COPIES TO:

Sponsor:	Association of University Related Research Parks
Subject:	Research parks and economic development
Audience:	
Date:	May 29-Wednesday; Luncheon
Location:	Baltimore
Contact:	William Ginsberg and James McComas
Comments:	D.A. knows more about this event.
Conflicts:	Your calendar says you will be out this week.

3/6/91

YES

NO

But suggest D.A. as replacement.

DATE OF LETTER: 02/15/91

DATE RECEIVED: 02/20/91

FILE: INVITATION-SPEECH

# s c i e n c e p a r k

9120462

William W. Ginsberg  
President and Chief  
Executive Officer

RECEIVED

91 FEB 20 A10:45

February 15, 1991

OFFICE OF THE  
DIRECTOR

Dr. D. Allan Bromley  
Director, Office of Science and Technology Policy  
Old Executive Office Building  
17th Street/Pennsylvania Avenue N.W.  
Washington, D.C. 20506

Dear Dr. Bromley:

I am writing to you in my capacity as a member of the Board of Directors and Chairman of the Conference Committee of the Association of University Related Research Parks (AURRP). I trust you will recall that we have met in New Haven on several occasions, and we have spoken of Science Park and of your interest in research park development generally.

AURRP is an international organization with approximately 250 members, consisting of university-related research parks, universities, governmental agencies, private development organizations and other related parties. AURRP's membership consists primarily of organizations in the United States and Canada, and AURRP is affiliated with the International Association of Science Parks (IASP), whose membership consists of similar institutions in Europe, Asia, Australia and the Far East, particularly Japan. Each year, AURRP hosts a major national conference which brings together its membership and many IASP members. Our conference is the one major international annual gathering of organizations devoted to the basic mission of AURRP: the development, transfer and commercialization of technologies among universities, industry and government to enhance university teaching and research, to strengthen industry competitiveness and to achieve technology-based economic development.

In 1991, the AURRP conference will be held in Baltimore, Maryland from May 29-31. Thematically, the conference will focus on the role of government, particularly the Federal Government, in promoting research parks and in promoting technology-based economic development.



Science Park  
Development  
Corporation  
Five Science Park  
New Haven  
Connecticut 06511  
203 786-5000

Dr. D. Allan Bromley  
February 15, 1991  
Page 2

The keynote address of our 1991 conference will be at our luncheon on Wednesday, May 29. AURRP would be most honored if you would join us as our keynote speaker and address issues related to how research parks and their companies can be at the forefront of technology development and global competitiveness in the 1990's. It is my privilege to extend this invitation to you on behalf of the AURRP.

Thank you for your consideration of our request to be the keynote speaker at our 1991 Conference. I will telephone your office shortly to follow up on this request.

Very truly yours,

  
William W. Ginsberg

WWG/meg



THE WHITE HOUSE

WASHINGTON

February 22, 1991

Dear Dick:

Many thanks for the information that you were good enough to provide to Karl Erb following our recent discussion. The information is enormously helpful because, although the original hearing that George Miller had scheduled on EMF and its alleged effects was cancelled because, I suspect, of the press focus on affairs in the Middle East, I fully anticipate that it will reappear at a later date, and the material that you have provided will be extremely helpful.

Sol and Johnny Foster are in the process of finalizing their panel that will examine science and technology for national security in the new world environment. You mentioned that you would be contacting them and I would urge you to do so.

With all best wishes,

Sincerely yours,



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

Dr. Richard L. Garwin  
IBM Research Division  
Thomas J. Watson Research Center  
P. O. Box 218  
Yorktown Heights, New York 10598-0218

Carnegie  
Mellon

1,2

3 OCT 30 10 61

Department of Engineering  
and Public Policy  
Carnegie Mellon University  
Pittsburgh, Pennsylvania 15213-3890  
412-268-2670

1990 September 28

Richard L. Garwin  
IBM Research Division  
Thomas J. Watson Research Center  
P.O. Box 218  
Yorktown Heights, NY 10598

Dear Dick:

You asked why Sam Milham limited his study to just Oregon and California. I called and asked him and he says the problem was simply resources. He bought the ARRL tape out of his own pocket for \$1200. As an Oregon state employee he had free access to the Oregon death data. Through friends he managed to arrange free access to the California data. Going to the entire US would require that he pay search costs. He agrees that if someone could be found to pay for it, it would make good sense to extend the analysis to the entire US and says such an extension would not be hard to do. Incidentally, he tells me that a disproportionate fraction of the ham radio operators in the US reside in California.

David Savitz has prepared a fairly good review of the various occupational exposure studies such as Milham's. I enclose a copy (Attachment 1). EPRI recently commissioned a more general review. Attachment 2 reproduces the table of contents and some summary materials. The strongest of these is the study by Savitz *et al.* There are several new studies just now coming out, which are also well done, and continue to show a weak association.

You asked am I persuaded that there are any demonstrated effects of 60 Hz fields in the microtesla range. The answer is yes. My confidence grows if you relax the 60 Hz and say ELF. It grows further if you increase the band-width so as to include pulsed as well as CW waveforms.

For your interest I have enclosed a small sampler of published papers as well as some abstracts from the most recent annual meeting of the Bioelectromagnetics Society (Attachment 3).

Yours,

Granger

M. Granger Morgan  
Head  
Department of Engineering  
and Public Policy  
Professor, Engineering and  
Public Policy/Electrical  
and Computer Engineering

MGM:pjs

Attachment

092890.MGM

Richard L. Garwin  
IBM Research Division  
Thomas J. Watson Research Center  
P.O. Box 218  
Yorktown Heights, NY 10598-0218  
(914) 945-2555  
FAX: (914) 945-4419

January 15, 1991

*copy  
with initials  
copy to my  
file with file  
it once again to  
read it in  
about DAB*

Dr. Karl A. Erb  
Assistant Director  
Office of Science and Technology Policy  
Executive Office of the President  
Washington, DC 20500

Dear Karl,

It was fine to see you with Allan January 3, and I was glad to find you at work in OSTP.

In the corridor, we discussed ELF and VLF, and I promised to send you my correspondence with Granger Morgan, Paul Brodeur, and others.

I think you are familiar with the published literature, so I don't provide it, only the text of the letters back and forth, which may be of interest to you.

As I mentioned, Mal Ruderman, and JASON, and occasionally I have looked at this every five years or so in relation to the safety of exposure to electromagnetic sources in Navy or other defense activities, and we have not found any explanation for a non-thermal effect (or any evidence, either).

As I indicate in my correspondence, I am very open-minded to the existence of things that I don't understand, but I haven't seen any epidemiology, either, that make me believe there is something there.

The strongest argument against the conclusions of Paul Brodeur (especially in the "clusters" of childhood leukemia so strongly emphasized in his articles) is that if essentially all of the children in one instance of exposure have leukemia, then one ought to be able to find very many such (and hardly any cases without leukemia) for similar exposures.

When people talk of a "paradigm shift" in the former disbelief of the existence of such hazards, I think it is more a matter of repetition and of witches than of science.

# Withdrawal/Redaction Sheet (George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
07. Letter	To: Jose Goldemberg From: Allan Bromley Re: Science and Technology issues (1 pp.)	2/12/91	(b)(1)	

**Collection:**

**Record Group:** Bush Presidential Records  
**Office:** Science and Technology Policy, Office of (OSTP)  
**Series:** Bromley, D. Allan, Files  
**Subseries:** Correspondence Files  
**WHORM Cat.:**  
**File Location:** D. Allan Bromley Correspondence A-G [4 of 4] [1991]

<b>Date Closed:</b> 2/1/2010	<b>OA/ID Number:</b> 62000-004
<b>FOIA/SYS Case #:</b> 2005-0336-F	<b>Appeal Case #:</b>
<b>Re-review Case #:</b>	<b>Appeal Disposition:</b>
<b>P-2/P-5 Review Case #:</b>	<b>Disposition Date:</b>
<b>AR Case #:</b>	<b>MR Case #:</b>
<b>AR Disposition:</b>	<b>MR Disposition:</b>
<b>AR Disposition Date:</b>	<b>MR Disposition Date:</b>

### RESTRICTION CODES

Presidential Records Act - [44 U.S.C. 2204(a)]

P-1 National Security Classified Information [(a)(1) of the PRA]  
P-2 Relating to the appointment to Federal office [(a)(2) of the PRA]  
P-3 Release would violate a Federal statute [(a)(3) of the PRA]  
P-4 Release would disclose trade secrets or confidential commercial or financial information [(a)(4) of the PRA]  
P-5 Release would disclose confidential advice between the President and his advisors, or between such advisors [(a)(5) of the PRA]  
P-6 Release would constitute a clearly unwarranted invasion of personal privacy [(a)(6) of the PRA]

C. Closed in accordance with restrictions contained in donor's deed of gift.

PRM. Removed as a personal record misfile.

Freedom of Information Act - [5 U.S.C. 552(b)]

(b)(1) National security classified information [(b)(1) of the FOIA]  
(b)(2) Release would disclose internal personnel rules and practices of an agency [(b)(2) of the FOIA]  
(b)(3) Release would violate a Federal statute [(b)(3) of the FOIA]  
(b)(4) Release would disclose trade secrets or confidential or financial information [(b)(4) of the FOIA]  
(b)(6) Release would constitute a clearly unwarranted invasion of personal privacy [(b)(6) of the FOIA]  
(b)(7) Release would disclose information compiled for law enforcement purposes [(b)(7) of the FOIA]  
(b)(8) Release would disclose information concerning the regulation of financial institutions [(b)(8) of the FOIA]  
(b)(9) Release would disclose geological or geophysical information

THE WHITE HOUSE  
WASHINGTON

December 19, 1991

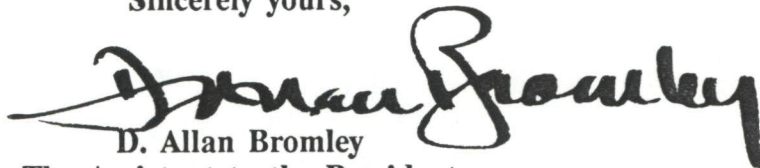
Dear Professor Haller:

Many thanks for your letter of November 15 with its correction of my statement about ultra-pure Soviet material. I am afraid that I allowed myself to fall into the trap of relying on memory rather than checking all the factual input and I had recalled from the '50s when Academician Joffe had initiated a very special program in the USSR Academy laboratories to focus on production of ultra-pure materials. For at least a short time thereafter the Soviets did have an edge on the rest of the world and, in chatting with Irwin Goodwin, I made the unwarranted assumption that the Soviets had maintained that lead.

In any event, many thanks for the correction and for your kind comments about the interview as a whole.

With all best wishes,

Sincerely yours,

A handwritten signature in black ink, appearing to read "D. Allan Bromley". The signature is fluid and cursive, with a large, sweeping initial "D".

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

Professor Eugene E. Haller  
Lawrence Berkeley Laboratory  
1 Cyclotron Road  
Berkeley, California 94720

"Document Control"

TYPE: INFORMATION DOCUMENT NUMBER: 9124950  
ORIGINATOR: 02 STATUS C DIRECTORATE STATUS  
\*\*\*\*\*

FROM: HALLER, Eugene E.: LAWRENCE BERKLEY LABORATORY

TO: DR. D.A. BROMLEY

DATE OF  
CORRESPONDENCE: 11/15/91

SUBJECT: A LETTER REGARDING DR. BROMLEY'S INTERVIEW IN  
PHYSICS TODAY, AND DR. BROMLEY'S STATEMENT REGARDING  
CONTRIBUTIONS SOVIET SCIENTISTS COULD MAKE TO  
U.S.-SOVIET COLLABORATIONS IN MATERIALS RESEARCH.

\*\*\*\*\*  
DIRECTORATE STAFF  
ASSIGNED: ASSIGNED:

ACTION STAFF  
REQUIRED: ACTION:

\*\*\*\*\*  
SENDER'S DUE DATE:  
OSTP DUE DATE: STAFF DUE DATE  
DATE COMPLETED: DATE COMPLETED/DEPT:

\*\*\*\*\*  
COPIES TO: D. Allan Bromley  
PHYSICAL SCIENCES  
INTERNATIONAL/POLICY

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

OSTP RECEIVED: 11/27/91 DEPT RECEIVED:  
FILE: PHYSICAL SCIENCES

CENTRAL FILES:



4100  
**Lawrence Berkeley Laboratory**

1 Cyclotron Road Berkeley, California 94720

RECEIVED  
(510) 486-4000 • FTS 451-4000

Prof. Eugene E. Haller

91 NOV 27 1991  
Bldg. 2, Rm. 205

(415) 486-5294 FAX 415-486-5530

NOV 15 1991  
MAIL ROOM

Prof. D. Allen Bromley  
Director HOST  
Old Executive Bldg.  
Washington, D.C. 20005

Dear Professor Bromley,

Your interview with Irvin Goodwin published in *Physics Today*, October, 1991 was informative and encouraging. Like thousands of physicists and scientists in many fields, nation and worldwide, I read the whole interview with great care. Let me thank you for having taken the time to convey your views in such detail.

One statement in your interview surprised me. You refer to the contributions which Soviet Scientists could make to US-Soviet collaborations in materials research. You list the large Soviet quantities of ultra-pure Si, Ge and Ti (page 98, center column). Having worked with ultra-pure Ge for radiation detector and other applications and from several collaborations with Soviet scientists in Moscow, Leningrad and Kiev, I conclude that there is no ultra-pure Ge in any part of the Soviet Union of the quality we have in the US and Europe. The best single crystal pieces I obtained from the USSR were approximately 100 times less pure ( $\sim 10^{12}$  net-dopants  $\text{cm}^{-3}$ ) than ultra-pure Ge produced in the US in several laboratories. Is it possible that you wanted to mention isotopically separated elements? The Kurchatov Institute in Moscow has pioneered Soviet isotope separation and several factories exist for this purpose. Over 20 kg of  $^{76}\text{Ge}$  were loaned to Prof. Klapdor-Kleingrothaus from the University at Heidelberg for his double beta decay studies. Eagle-Picher in Quapaw, Oklahoma, reduced the Soviet  $^{76}\text{Ge}$  oxide to elemental  $^{76}\text{Ge}$  and pre-purified it. ORTEC, in Oakridge, Tennessee, performed ultra-purification and grew the single crystals. A third US company fabricated the detectors.

In my group at the Lawrence Berkeley Laboratory we have grown several isotopically enriched Ge single crystals of  $^{70}\text{Ge}$ ,  $^{73}\text{Ge}$  and  $^{74}\text{Ge}$ . The oxides of these isotopes originate in the USSR. Our interest in these crystals stems from a number of unusual electronic and thermal properties of isotopically

pure solids. Generation of impurities with a process called neutron transmutation doping (NTD) produces extremely homogeneous dopant distributions which are of importance in the study of the metal-insulator transition and in the development of milliKelvin thermistors. We have started a number of international collaborations. At King's College in London photoluminescence is used to determine the dependence of the bandgap as a function of the isotope mass. At the Max-Planck-Institute for Solid State Research in Stuttgart we are collaborating on phonon studies in crystals with different isotopes. Prof. J. Wolfe at the University of Illinois, Urbana-Champaign, will use his phonon imaging techniques to study ballistic phonon transport.

In my opinion, the isotopically enriched Ge case illustrates the typical scenario: the Soviets provide the raw material and the West performs all the high technology work.

Perhaps I am one of few who noticed this point in your interview. But because of the great significance of the article, I thought you would welcome my clarification.

I am happy to provide further information.

Sincerely yours



Eugene E. Haller  
(Prof. of Materials Science and  
CAM Electronic Materials  
Program Leader)

EEH:mr

"Document Control"

TYPE: INFORMATION

DOCUMENT NUMBER: 9125095

ORIGINATOR: 02

STATUS C

DIRECTORATE STATUS

\*\*\*\*\*

FROM: HECKER, S.S.: LOS ALAMOS NATIONAL LABORATORY

TO: DR. D.A. BROMLEY

DATE OF CORRESPONDENCE: 12/02/91

SUBJECT: A THANK YOU LETTER TO DR. BROMLEY FOR HIS HELP WITH THE SUPERCOMPUTING '91 CONFERENCE. HE ALSO IS ENCLOSING INFORMATION ON LOS ALAMOS AND WHAT THEY NEED TO DO TO BECOME MORE COMPETITIVE IN THE FUTURE.

\*\*\*\*\*  
DIRECTORATE STAFF  
ASSIGNED: ASSIGNED:

ACTION STAFF  
REQUIRED: ACTION:

\*\*\*\*\*  
SENDER'S DUE DATE:

OSTP DUE DATE: STAFF DUE DATE  
DATE COMPLETED: DATE COMPLETED/DEPT:

\*\*\*\*\*

COPIES TO: D. Allan Bromley  
PHYSICAL SCIENCES

\*\*\*\*\*

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

OSTP RECEIVED: 12/13/91  
FILE: B-PHYSICAL SCIENCES

DEPT RECEIVED:

CENTRAL FILES:

THE WHITE HOUSE

WASHINGTON

December 18, 1991

Dear Sig:

Just a brief note to thank you for the material that you provided with your letter of December 2. The brochure from the Advanced Computing Laboratory is an outstanding one and I was particularly interested by the document **Los Alamos: Science Serving the Nation**. You have made a compelling case for the Laboratory and this document will be extremely useful to me in providing support for science and generally as well as for Los Alamos.

I much appreciated your warm hospitality while I was in Albuquerque and the dinner with you and the other lab directors was of great interest and the discussion I found to be extremely helpful.

Your approach to the Tiger Team activities is, I think, a very constructive one and in the long run vastly more successful than confrontational ones that have occurred elsewhere. Unfortunately, it is certainly the case that some elements of safety were not observed as carefully in the laboratories as they should have been, and it is also true that in some cases the Tiger Teams over-reacted. The fact remains, however, all of the labs must be operated in a safe manner and the sooner we come to terms with that the sooner we can get back to doing our primary business.

I regretted that I was not able to stay for more of the Supercomputer '91 sessions because I was very much impressed by the general enthusiasm that seemed to be present on every side, and the remarkable quality of the exhibits which I was only able to see in the most cursory fashion.

You will be pleased to know that the President signed the High Performance Computing Bill a week ago in a signing ceremony in the White House. I believe that this program to bring the United States more fully into the information age is now off and running. Obviously, your laboratory has been a major contributor in that area and I know will continue in that role.

Let me take this occasion to wish you and your family a very merry Christmas and a happy, healthy and rewarding 1992.

With warmest regards,

Sincerely yours,

A handwritten signature in black ink, appearing to read "D. Bromley", written in a cursive style.

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

Dr. Siegfried S. Hecker  
Director  
Los Alamos National Laboratory  
Los Alamos, New Mexico 87545

THE WHITE HOUSE  
WASHINGTON

December 18, 1991

Dear Bill:

Many thanks for your letter requesting support of the Lehigh Annual Giving program.

While I am honored and delighted to have become a member of the Lehigh family, I must tell you that the transition from the private sector at Yale to government service, together with the fact that I now have two homes despite my stalwart efforts over the last two and a half years to sell the one in New Haven, means that I am running a consistently negative cash flow and so during my time in my present office my contributions are going to be, I am afraid, very much restricted.

This year in particular the Whitney Library of the New Haven Colony Historical Society is establishing a new archival wing in honor of Pat who served as senior archivist for the Society for many years before we came to Washington, and I am providing what support I can for that activity in her memory.

That being the case, I am afraid that this year I am unable to respond to your request but hope that in the future I will be in a position to do better.

Let me take this occasion to wish you and Betty the happiest of Christmases' and a very healthy and rewarding 1992.

With warmest regards,

Sincerely yours,



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

Mr. William C. Hittinger  
Chairman, Board of Trustees  
Lehigh University  
Alumni Memorial Building 27  
Bethlehem, Pennsylvania 18015

*Lehigh University*



*Board of Trustees*

*Alumni Memorial Building 27  
Bethlehem, Pennsylvania 18015  
telephone (215) 758-3120*

November 1991

Dr. D. Allan Bromley  
Executive Office of the President  
Office of Science and Technical Policy  
Old Executive Office Building, Room 360  
Washington, DC 20506

Dear Allan:

As we approach the end of the year and the holiday season, I would like to ask you to consider a gift to Lehigh University -- a gift to Lehigh Annual Giving for the education of our young people.

Last year our Board of Trustees made a significant decision affecting the life and vitality of the University. It was aimed at addressing the serious challenge we, and other private schools, face in attracting both the quality and the number of students our faculty and facilities are dedicated to serve. It set a policy by which Lehigh guarantees to meet the financial need of all students (not just some, as in the past) who are admitted either through early or regular admission and who are U.S. citizens or permanent residents. Results of this decision have been outstandingly positive: applications for admission increased 10% as our newly competitive financial aid policy allowed more students to consider Lehigh.

Current gifts provide the critical bridge necessary for the University to sustain this financial aid policy as we move toward raising the funds necessary to permanently endow this new level of funding. Enrollment of quality students is a serious challenge. In the decade of the 1990's there will be a smaller available pool of qualified students. Competition for the best in this shrinking pool is fierce. Public schools are an increasingly attractive alternative for families faced with the higher annual price required by private institutions like Lehigh.

Your gift will help ensure that Lehigh continues to attract the quality and the number of students we need. I ask you to join me and the Board of Trustees in making a gift to Lehigh.

On behalf of the Board, thank you for helping our University.

Sincerely,

*William C. Hittinger*

William C. Hittinger  
Chairman

P.S. A pledge card and return envelope are enclosed for your convenience.

THE WHITE HOUSE  
WASHINGTON

December 4, 1991

Dear Vic:

My apologies for the long delay in responding to your letter of October 21 but it arrived while I was out of the country and I have been travelling much of the time since so that I have developed a huge correspondence backlog.

Given the constraints that your responsibilities at Yale will place on your activities while you and your wife are in Washington, it seems to me that there are only two, and possibly three, areas where it might be possible for you to arrange a part-time position where you could really use your background and experience to best advantage.

As I see it, these institutions would be the National Science Foundation, the Department of Energy, and the Department of Defense, specifically the DARPA Agency.

At the National Science Foundation I would suggest that you write to the Director, Dr. Walter Massey; at the Department of Energy, the Director of the Office of Energy Research, Dr. Will Happer, and at the Department of Defense, Dr. Victor Reis, who is Director of Defense Research and Engineering and who, until very recently, has been Director of DARPA. In each case, you should tell them that you are writing at my suggestion and spell out a bit of your background and, more specifically, the time that you would have available for activities in their respective institutions. All three of them certainly have a need for people with your background and the questions is simply one of being able to construct the right position in a time of tight budgets and on a part-time basis.

Another possibility that comes to mind is the National Institute of Standards and Technology in Germantown, and there the Director is Dr. John Lyons, and you might consider writing him in the same fashion, although this would not be as convenient for you. Germantown and Bethesda, however, are not really all that far apart so a relatively minor commute would take care of both of you from one of the northern suburbs.

If you would let me know once you have written to these individuals, I would be happy to call them on your behalf and would look forward to the possibility of having you here in Washington as a colleague.

I hope that this information is of some use to you and will look forward to keeping in touch.

With warmest best wishes,

Sincerely yours,

A handwritten signature in black ink that reads "Allan". The letters are cursive and slightly slanted to the right.

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

Professor Victor E. Henrich  
Department of Applied Physics  
Yale University  
327 Becton Center  
Box 2157 Yale Station  
New Haven, Connecticut 06520

*Yale University*  
*Department of Applied Physics*

*Victor E. Henrich*  
*Professor of Applied Physics and Physics*  
*Phone: (203) 432-4399*

*327 Becton Center*  
*15 Prospect Street*  
*Box 2157 Yale Station*  
*New Haven, CT 06520*

*Fax No. (203) 432-4283*

October 21, 1991

Prof. D. Allan Bromley  
6717 Tulip Hill Terrace  
Bethesda, MD

Dear Allan,

I am writing to you with a slightly unusual request. My wife, Jan, who is an Associate Professor of Medicine at Yale, may have the opportunity to participate in a women's health initiative at the N.I.H. for two years, beginning next summer. The position would require her to live in the Washington area most of the time.

The situation of her living in Washington and me in New Haven all of the time is untenable for us. Therefore I would like to consider the possibility of doing something in Washington for part of that time, if my knowledge and expertise could be of use. I have a research group consisting of three graduate students and a postdoc based at Yale, so I would still have to commute back and forth often. But it might be possible for me to take a leave of absence from Yale for a year, which would at least relieve me of teaching and administrative duties, so I could then spend a larger amount of time out of New Haven.

I do not know much about the workings of the science establishment in Washington, and I have no idea what, if anything, might be possible given the constraints that I have. I can't think of anyone who has a more comprehensive view of science as it is practiced in Washington than you do. Do you have any suggestions as to places or institutions where my expertise might be valuable, perhaps on a part-time basis? This could be a chance for me to become involved in very different facets of science than I have been so far.

I would greatly appreciate any suggestions that you might have. (Things are at a very preliminary stage, so I have not discussed this with anyone at Yale.)

Best regards,

*Vic*

Victor E. Henrich

THE WHITE HOUSE  
WASHINGTON

December 6, 1991

Dear Sig:

Let me begin by thanking you for your warm hospitality during my recent visit to Albuquerque. I was very much impressed by the Supercomputing '91 Conference and by the Los Alamos contributions to it.

I have particularly appreciated the material that you have sent me concerning the Los Alamos role in high performance computing as well as the concept paper relating to the computer systems policy project (CSPP). The idea is, indeed, interesting and I have made it available to the appropriate people here in OSTP.

I shall keep you in touch with development, but in the meantime would again want to express to you how much I enjoyed having an opportunity to talk with you and your colleagues at dinner on November 18.

With warmest best wishes,

Sincerely yours,



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

Dr. S. S. Hecker  
Director  
Los Alamos National Laboratory  
Los Alamos, New Mexico 87545

"Document Control"

TYPE: INFORMATION  
ORIGINATOR: 02

DOCUMENT NUMBER: 9124758  
DIRECTORATE STATUS

STATUS C

FROM: HECKER, S.S.: LOS ALAMOS NATIONAL LABORATORY

TO: DR. D.A. BROMLEY

DATE OF  
CORRESPONDENCE: 11/12/91

SUBJECT: HE IS PROVIDING DR. BROMLEY WITH A COPY OF HIS  
WRITTEN STATEMENT BEFORE CONGRESS REGARDING THE  
CRITICAL ROLE LOS ALAMOS HAS PLAYED IN HIGH  
PERFORMANCE COMPUTING.

\*\*\*\*\*  
DIRECTORATE STAFF  
ASSIGNED: ASSIGNED:

ACTION STAFF  
REQUIRED: ACTION:

\*\*\*\*\*  
SENDER'S DUE DATE: STAFF DUE DATE  
OSTP DUE DATE: DATE COMPLETED/DEPT:  
DATE COMPLETED:

\*\*\*\*\*  
COPIES TO: D. Allan Bromley  
PHYSICAL SCIENCES

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

OSTP RECEIVED: 11/13/91 DEPT RECEIVED:  
FILE: B-PHYSICAL SCIENCES

CENTRAL FILES:

THE WHITE HOUSE  
WASHINGTON

December 2, 1991

Dear Vernon:

It was a pleasure to have you here for lunch and to catch up on your activities both at Yale and at Brookhaven. I appreciated receiving the copy of your letter to P. K. Williams and will take up this issue with DOE. It does seem to me most peculiar that DOE does not allow you to defray one quarter of your former Yale salary inasmuch as you are doing fulltime work for DOE on two very important experiments.

I shall let you know what, if anything, I find that I can do and please do keep me informed from your end.

With warmest best wishes to both you and Miriam,

Sincerely yours,



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

Professor Vernon W. Hughes  
Physics Department  
Post Office Box 6666  
Yale University  
New Haven, Connecticut 06511

"Document Control"

TYPE: INFORMATION DOCUMENT NUMBER: 9124878  
ORIGINATOR: 02 STATUS C DIRECTORATE STATUS  
\*\*\*\*\*

FROM: HUGHES, Vernon W.: YALE UNIVERSITY

TO: WILLIAMS, P.K.: U.S.DEPARTMENT OF ENERGY

DATE OF CORRESPONDENCE: 11/22/91

SUBJECT: HE IS FORWARDING A COPY OF HIS LETTER TO DR. WILLIAMS REGARDING COMPENSATION FOR HIS WORK.

\*\*\*\*\*  
DIRECTORATE STAFF  
ASSIGNED: ASSIGNED:

ACTION STAFF  
REQUIRED: ACTION:

\*\*\*\*\*  
SENDER'S DUE DATE:  
OSTP DUE DATE: STAFF DUE DATE  
DATE COMPLETED: DATE COMPLETED/DEPT:  
\*\*\*\*\*

COPIES TO: DR. BROMLEY

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

OSTP RECEIVED: 11/22/91 DEPT RECEIVED:  
FILE: DAB-PERSONAL  
CENTRAL FILES:

4878

# Yale University

Physics Department  
P.O. Box 6666  
New Haven, Connecticut 06511-8167  
October 22, 1991

Campus address:  
217 Prospect Street  
Telephone:  
203 432-3600  
Facsimile:  
203 432-6175  
203 432-3824

01:22 P 3:42

Dr. P.K. Williams  
Division of High Energy Physics  
U.S. Department of Energy  
Washington, D.C. 20545

OSTF  
MAIL ROOM

Dear P.K.:

I am writing you this letter about the matter of some compensation to me from our up-coming EPI grant. As you know I was manditorially retired at Yale at age 70 this past June 30, 1991 as Sterling Professor of Physics and became Sterling Professor of Physics Emeritus.

Effective July 1, 1991 Yale gave me an active appointment as Senior Research Scientist. I am now and plan to continue devoting full time to my research in physics, free of any teaching or Yale University committee obligations. As you know I am the Spokesman for CERN NA47 of the Spin Muon Collaboration a large experiment with 147 physicists from 26 institutions which is in the active phase of data-taking. In addition, I am Co-spokesman and initiator of AGS 821 the muon g-2 experiment at BNL. This ambitious experiment is in a very active R&D and construction phase and it is planned to have initial experimental runs in 1994. In these experiments I am doing the same activities as I have always done, including working with junior faculty, research associates and students.

What I am requesting from the new EPI grant is one-quarter time salary at my yearly rate, including inflation, before my retirement as Sterling Professor. This amounts to a salary to me of about \$34 K, which is approximately the salary we pay a beginning postdoc. If the work I am doing were to be accomplished without me, Yale or DOE would need to hire someone else to do it.

It does not seem to me that my age has any relevance to this matter. The basic judgement should relate to the service rendered. As you know Federal Law is expected to change within about two years so that the universities can no longer manditorially retire professors because they have reached the age of 70. (At present I believe this is the only allowed discrimination based on age.) Past contributions by Yale and by DOE (the latter were quite small) to my TIAA/CREF annuity fund were essentially part of my past compensation and do not require or relate to any future work I do. I know of a variety of arrangements in which scientists over 70 years of age are receiving or have received compensation from the Federal Government.

I hope you can give sympathetic consideration to this request.

With best regards,

Vernon W. Hughes

cc: J. Mandula  
M.E. Zeller

THE WHITE HOUSE

Nov. 4 '91

Dear Mr. C.

Many thanks for the copy of your excellent letter to the Senate Government Operations Committee.

It is an admirably clear statement of purpose and I congratulate you on it.

Osgood and I stand ready to help in any way we can with all best wishes.

Sincerely  
Osgood

"Document Control"

TYPE: INFORMATION DOCUMENT NUMBER: 9124633  
ORIGINATOR: 02 STATUS C DIRECTORATE STATUS  
\*\*\*\*\*

FROM: HUBBARD, ALLAN B.: COUNCIL ON COMPETITIVENESS

TO: DR. D.A. BROMLEY

DATE OF  
CORRESPONDENCE: 10/30/91

SUBJECT: HE IS FORWARDING A COPY OF A LETTER HE HAD WRITTEN  
TO THE SENATE GOVERNMENT OPERATIONS COMMITTEE.

\*\*\*\*\*  
DIRECTORATE STAFF  
ASSIGNED: ASSIGNED:

ACTION STAFF  
REQUIRED: ACTION:

\*\*\*\*\*  
SENDER'S DUE DATE:  
OSTP DUE DATE: STAFF DUE DATE  
DATE COMPLETED: DATE COMPLETED/DEPT:

\*\*\*\*\*  
COPIES TO: D. Allan Bromley  
INDUSTRIAL  
Carl Bretscher

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

OSTP RECEIVED: 11/04/91 DEPT RECEIVED:  
FILE: INDUSTRIAL-ECONOMIC COMPETITIVENESS

CENTRAL FILES:



46  
RECEIVED

31 OCT 4 810:50

OFFICE OF THE VICE PRESIDENT

WASHINGTON

OFFICE OF THE DIRECTOR

October 30, 1991

MEMORANDUM FOR DIRECTOR BROMLEY  
OFFICE OF SCIENCE AND TECHNOLOGY POLICY

FROM: ALLAN B. HUBBARD  
EXECUTIVE DIRECTOR *ABH*  
COUNCIL ON COMPETITIVENESS

SUBJECT: LETTER TO THE SENATE GOVERNMENT OPERATIONS  
COMMITTEE

The Vice President asked that I forward a copy of the enclosed response to a letter from Senators Glenn, Levin and Kohl of the Senate Committee on Government Operations. He thought you might be interested in light of the recent letters from the Senators to several Cabinet members inquiring as to their agency's relationship with the Council on Competitiveness.



OFFICE OF THE VICE PRESIDENT  
WASHINGTON

October 22, 1991

Senator John Glenn  
Chairman, Committee on Government Operations  
United States Senate  
Washington, D.C. 20510

Dear Chairman Glenn:

The Vice President has asked me to respond to your letters requesting additional information about the Council on Competitiveness. As you know, the Vice President has met with you and Senator Levin to discuss the Council and its mission. Additionally, our staff has met with committee staff to discuss the Council's operations.

Let me make two basic points about the Council and its mission:

First, in implementing one of the Council's primary assignments from President Bush--to reduce the regulatory burden on our economy--the Vice President seeks to promote the general interest of all Americans. We are committed to reducing and--wherever possible--eliminating excessive, burdensome and unnecessary regulations that:

- o Threaten the loss of American jobs,
- o Raise the cost of products to American consumers,
- o Impose needless government paperwork on America's small business women and men, and
- o Impose unnecessary federal mandates on our cities, counties and towns.

Second, I understand that there is some concern that the Council is a "secret, backdoor channel" for deciding regulatory issues. Let me assure you that this is definitely not the case. Citizens from around the country are invited to bring regulatory problems to the Council's attention. Whenever there is a policy issue, our staff welcomes representatives of all sides of the debate to come in and present their arguments. In so doing, we always encourage them to present their arguments to the regulatory agency responsible for issuing the regulation.

# Withdrawal/Redaction Sheet

## (George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
08. Letter	To: Paul Hearn From: Allan Bromley Re: Joint Commission on Basic Scientific Research (1 pp.)	10/2/91	(b)(1)	

**Collection:**

**Record Group:** Bush Presidential Records  
**Office:** Science and Technology Policy, Office of (OSTP)  
**Series:** Bromley, D. Allan, Files  
**Subseries:** Correspondence Files  
**WHORM Cat.:**  
**File Location:** D. Allan Bromley Correspondence A-G [4 of 4] [1991]

<b>Date Closed:</b> 2/1/2010	<b>OA/ID Number:</b> 62000-004
<b>FOIA/SYS Case #:</b> 2005-0336-F	<b>Appeal Case #:</b>
<b>Re-review Case #:</b>	<b>Appeal Disposition:</b>
<b>P-2/P-5 Review Case #:</b>	<b>Disposition Date:</b>
<b>AR Case #:</b>	<b>MR Case #:</b>
<b>AR Disposition:</b>	<b>MR Disposition:</b>
<b>AR Disposition Date:</b>	<b>MR Disposition Date:</b>

### RESTRICTION CODES

Presidential Records Act - [44 U.S.C. 2204(a)]

- P-1 National Security Classified Information [(a)(1) of the PRA]
- P-2 Relating to the appointment to Federal office [(a)(2) of the PRA]
- P-3 Release would violate a Federal statute [(a)(3) of the PRA]
- P-4 Release would disclose trade secrets or confidential commercial or financial information [(a)(4) of the PRA]
- P-5 Release would disclose confidential advice between the President and his advisors, or between such advisors [(a)(5) of the PRA]
- P-6 Release would constitute a clearly unwarranted invasion of personal privacy [(a)(6) of the PRA]

C. Closed in accordance with restrictions contained in donor's deed of gift.

PRM. Removed as a personal record misfile.

Freedom of Information Act - [5 U.S.C. 552(b)]

- (b)(1) National security classified information [(b)(1) of the FOIA]
- (b)(2) Release would disclose internal personnel rules and practices of an agency [(b)(2) of the FOIA]
- (b)(3) Release would violate a Federal statute [(b)(3) of the FOIA]
- (b)(4) Release would disclose trade secrets or confidential or financial information [(b)(4) of the FOIA]
- (b)(6) Release would constitute a clearly unwarranted invasion of personal privacy [(b)(6) of the FOIA]
- (b)(7) Release would disclose information compiled for law enforcement purposes [(b)(7) of the FOIA]
- (b)(8) Release would disclose information concerning the regulation of financial institutions [(b)(8) of the FOIA]
- (b)(9) Release would disclose geological or geophysical information

THE WHITE HOUSE  
WASHINGTON

August 2, 1991

Dear Bob:

Thank you for your note of July 17 in which you enclosed the wonderful pictures of the RHIC celebration.

I am glad that I was able to join you for the very special occasion at Brookhaven. Despite the cold, it was a day that warmed the hearts of everyone associated with the projects.

With warmest best wishes,

Sincerely yours,



**B. Allan Bromley**  
The Assistant to the President  
for  
Science and Technology

Mr. Robert E. Hughes  
President  
Associated Universities, Inc.  
1400 16th Street, Northwest, Suite 730  
Washington, D.C. 20036

THE WHITE HOUSE

WASHINGTON

August 15, 1991

Dear Marcy:

Thank you for your recent note confirming our good luck at having Joe Broz select OSTP for his assignment as a White House Fellow this year. We are looking forward eagerly to his starting next month.

I especially want to extend my personal appreciation to you and your staff for all your efforts on our behalf. We were a bit delayed getting into the interview process as I recall and your staff was very helpful in last minute arrangements. I do appreciate the extra attention.

Again, we couldn't be more pleased about Joe's decision. Hope you are enjoying a good summer. My best wishes,

Sincerely,



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

Ms. Marcy L. Head  
Director  
President's Commission on White House  
Fellowships

"CORRESPONDENCE TRACKING"

TYPE: INFORMATION

DOCUMENT NUMBER: 9123344

ORIGINATOR: 02

STATUS C

DIRECTORATE STATUS

FROM: HEAD, Marcy L.: PRESIDENT'S COMMISSION ON WHITE HOUSE FELLOWSHIPS

TO: DR. D.A. BROMLEY

DATE OF CORRESPONDENCE: 08/02/91

SUBJECT: CONFIRMATION OF THE ASSIGNMENT OF JOSEPH BROZ TO OSTP BEGINNING 09/03/91.

DIRECTORATE ASSIGNED: STAFF ASSIGNED:

ACTION REQUIRED: STAFF ACTION:

*Document in file  
note of appreciation to  
Marcy for all her  
help.  
DAB*

SENDER'S DUE DATE:

OSTP DUE DATE: STAFF DUE DATE  
DATE COMPLETED: DATE COMPLETED/DEPT:

COPIES TO: D. Allan Bromley  
Ken Yale  
ADMINISTRATION

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

REMARKS:

OSTP RECEIVED: 08/07/91  
DEPT RECEIVED:

FILE: P-EOP-WH CORR.\*P-ADM-PERSONNEL

RECEIVED

PRESIDENT'S  
COMMISSION ON WHITE HOUSE FELLOWSHIPS

91 AUG 7 P 2: 23

THE WHITE HOUSE

OFFICE OF THE  
DIRECTOR

August 2, 1991

The Honorable Allan Bromley  
Assistant to the President and  
Director, Office of Science & Technology Policy  
The White House  
Washington, DC 20500

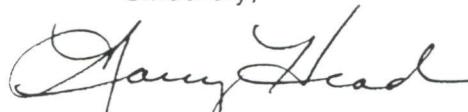
Dear Dr. Bromley:

I am pleased to confirm the assignment of Joseph Broz to the Office of Science & Technology Policy for the year beginning September 3, 1991, and ending August 31, 1992. We appreciate the assistance that your staff provided during the placement process.

We are delighted that Joe will have the opportunity to work for you this year and are confident that he will have a very meaningful and productive year.

On behalf of the Commission, I would like to thank you for your continued support of the White House Fellowship Program.

Sincerely,



Marcy L. Head  
Director

THE WHITE HOUSE

WASHINGTON

July 30, 1991

Dear Ms. Hornsby and Mr. Friedrich:

Many thanks for your letter of May 9 which has taken a considerable amount of time to reach me since it was forwarded from my Yale office.

As you will gather from the present letterhead, I am currently on leave from my endowed chair at Yale serving in the Bush Administration.


I am honored and pleased by your invitation to speak at your conference but I regret to say that during the period in question for your conference, I am scheduled to be in Japan as Chairman of the U.S. side of the US/Japan Joint Commission.

In consequence, it will not be possible for me to accept your kind invitation much as I would welcome the opportunity to interact with you and your colleagues.

Let me then only thank you for thinking of me in this context and let me wish you every success with your undergraduate physics conference. I congratulate you on this initiative because I have long felt that Canadian undergraduate physics majors had far too little opportunity for contact with one another and that such contact could be of enormous importance.

With all best wishes,

Sincerely yours,



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

Ms. Erena Hornsby and Mr. Loran Friedrich  
Department of Physics  
Faculty of Science  
412 Avadh Bhatia Physics Laboratory  
University of Alberta  
Edmonton, Alberta  
Canada T6G 2J1



University of Alberta  
Edmonton

Canada T6G 2J1

Department of Physics  
Faculty of Science

412 Avadh Bhatia Physics Laboratory  
Telephone: General Office (403) 492-5286 Chairman (403) 492-4127  
Bitnet: MHEN@UALTAMTS Fax: (403) 492-4256

May 9, 1991

Dr. Allan Bromley  
Yale University, Dept. of Physics  
P.O. Box 6666 Yale Station  
New Haven  
CT 06511

Dear Allan Bromley:

This year the Physics Student Society at the University of Alberta is the proud host of the Twenty-Seventh Annual Canadian Undergraduate Physics Conference. In recent years this student organized conference has had incredible success. Many students from all over the country have come together to share and experience what their peers have done and are doing. In addition, the students have the opportunity to listen to "real physicists from the real world" as invitations for speakers are sent to academic and industrial physicists alike.

You have been recommended to us by Dr. Crawford, Vice Dean of Science here at the University of Alberta, as a possible speaker at our conference. We are aware of your position as Science Advisor in the U.S.A. We believe that your knowledge of current events in science and science policies would be very interesting to us: Canada's future scientists. Pending your acceptance of our invitation we would appreciate it if you could send us a title of your talk as soon as possible. Bear in mind that this is a conference solely for undergraduate students in their third or fourth years of study.

We are prepared to support you in travel and accommodations.

We would be honoured if you would accept our invitation as speaker for our conference. The tentative dates for the conference are October 31st to November 3rd, 1991.

We look forward to a quick reply,

Yours sincerely,

C.U.P.C. 1991

*Erena Hornsby*

Erena Hornsby

*Loran Friedrich*

Loran Friedrich  
Chairpersons

c.c. Dr. Crawford

/lf

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

DATE: August 1, 1991

TO: Ms. Erena Hornsby & Mr. Loran Friedrich  
University of Alberta  
ADDRESS: Edmonton, Canada

TELEPHONE NUMBER: 403/492-4127

FAX NUMBER: 403/492-4256

FROM: Marian Nida

TELEPHONE NUMBER: 456-7116

FAX NUMBER: (202)395-3261

NUMBER OF PAGES, INCLUDING COVER SHEET 2

SPECIAL INSTRUCTIONS:

TRANSMISSION REPORT

THIS DOCUMENT (REDUCED SAMPLE ABOVE)  
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1	914034924256	8- 1-91 6:42	1'01"	2	

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