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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: Presidential Priorities Files

OA/ID Number: 62087
Folder ID Number: 62087-004

Folder Title:
Executive Office of the President: Presidential Priorities [4 of 4] [1991]

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

9120927

"CORRESPONDENCE TRACKING"

TYPE: PRESIDENTIAL PRIORITY DOCUMENT NUMBER: 9120927

FROM: HOWE, Harlan: MICROWAVE JOURNAL

TO: PRESIDENT BUSH

DATE OF CORRESPONDENCE: 03/11/91

SUBJECT: THE PRESIDENT'S FAILURE TO MENTION OR THANK THE SCIENTISTS, ENGINEERS AND DEFENSE WORKERS DURING HIS ADDRESS TO CONGRESS LAST WEEK.

ASSIGNED TO: Michelle Van Cleave

red APR 1 1991

ACTION REQUIRED: PROVIDE DRAFT LANGUAGE OR ADVISE AS TO WHO SHOULD SIGN RESPONSE

SENDER'S DUE DATE: OSTP DUE DATE: 04/03/91

DATE COMPLETED: APR 4 1991

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #: CONTACT PERSON: PAUL MCNEILL

REMARKS:

DATE RECEIVED: 03/29/91 FILE: PRESIDENTIAL PRIORITY

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

April 4, 1991

Dear Mr. Howe:

On behalf of President Bush, I want to thank you for your letter of March 11 calling attention to the tremendous contributions of America's scientists, engineers, and defense workers to the Desert Storm campaign. I was very proud and deeply impressed--but not surprised--by their extraordinary work and dedication throughout the war and continuing even now. President Bush has expressed his praise and his gratitude to the members of the defense industries on numerous occasions, both public and private. And I know he would want me to reiterate that gratitude and praise in this letter, which I do with great pleasure.

I thought you might be pleased to see a copy of the President's address at Raytheon, which I enclose. Thank you again for your letter, for your journal's good work, and for your support of our nation's defense community.

Sincerely,



D. Allan Bromley
Director

Mr. Harlan Howe, Jr.
Publisher/Editor
Microwave Journal
685 Canton Street
Norwood, MA 02062

Enclosure

MKVAN CLEAVE:pn:4/4/91 9120927

EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF SCIENCE AND TECHNOLOGY POLICY

WASHINGTON, D.C. 20506

April 4, 1991

Dear Mr. Howe:

On behalf of President Bush, I want to thank you for your letter of March 11 calling attention to the tremendous contributions of America's scientists, engineers, and defense workers to the Desert Storm campaign. I was very proud and deeply impressed--but not surprised--by their extraordinary work and dedication throughout the war and continuing even now. President Bush has expressed his praise and his gratitude to the members of the defense industries on numerous occasions, both public and private. And I know he would want me to reiterate that gratitude and praise in this letter, which I do with great pleasure.

I thought you might be pleased to see a copy of the President's address at Raytheon, which I enclose. Thank you again for your letter, for your journal's good work, and for your support of our nation's defense community.

Sincerely,



D. Allan Bromley
Director

Mr. Harlan Howe, Jr.
Publisher/Editor
Microwave Journal
685 Canton Street
Norwood, MA 02062

Enclosure

THE WHITE HOUSE
WASHINGTON

Date: _____ #?@*?(!)

TO: Dr. Bromley

FROM: OFFICE OF MEDIA RELATIONS
Room 121 OEOB, x7150

PAUL MCNEILL

Would you care to respond to this
letter, or provide draft language?

please advise.

thank you very much.

THE WHITE HOUSE
WASHINGTON

TO: *Deb Amend*

FROM: Mail Analysis
Room 58, OEOB
456-6600

MAR 27 REC'D

If you are unable to respond,
please return to:

Kathy Baker / 58

9120 927



RECEIVED

91 MAR 29 P12:53

OFFICE OF THE DIRECTOR

D. Amend

March 11, 1991

President George Bush
The White House
Washington D.C. 20005

Dear Mr. President:

I was disappointed that during your address to the Congress last week, you failed to mention or thank the scientists, engineers and defense workers who invented, developed and built the high-tech weapons which enabled our troops to successfully complete the war in the Gulf with minimal American casualties.

These unseen and unsung Americans are also heroes of Operation Desert Storm and they deserve some recognition.

Respectfully,

Harlan Howe, Jr.
Publisher/Editor



"CORRESPONDENCE TRACKING"

TYPE: INFORMATION

DOCUMENT NUMBER: 9121061

FROM: SICULAR, Dr. & Mrs. Arthur

TO: PRESIDENT BUSH

DATE OF
CORRESPONDENCE: 03/07/91

SUBJECT: RE: THE 50th ANNIVERSARY BANQUET AWARDS OF THE
WESTINGHOUSE TALENT SEARCH WINNERS.

ASSIGNED TO:

ACTION REQUIRED:

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED:

COPIES TO: D. Allan Bromley
Damar Hawkins

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

DATE RECEIVED: 04/10/91

FILE: PRESIDENTIAL

Appreciation

ARTHUR SICULAR, M. D., F. A. C. S.

800A FIFTH AVENUE
NEW YORK, N. Y. 10021

Telephone: 582-2405

RECEIVED

APR 10 P5:11

OFFICE OF THE DIRECTOR

March 7, 1991

OSTP (F-11)

President George Bush
The White House
Pennsylvania Avenue
Washington, D.C.

Dear President Bush:

As a Westinghouse talent search winner of the group of 1946, I had the honor and privilege of attending the 50th anniversary banquet awards in Washington, D.C. this Monday, at which you were the principal speaker. Although I have had the privilege of meeting Mrs. Bush at a pre-election reception at the home of Mr. and Mrs. James Fusch in 1988, the excitement of listening to you first hand at the Washington Hilton communicating a quiet euphoria and enthusiasm both to the events of that evening and to the events in the world, immediately preceding in the Persian Gulf, made this a thrilling occasion for my wife and myself. The fact that you could relate to the scientific community in direct relation to your fantastic leadership in the successful conclusion in the Persian Gulf campaign left all of the scientists at my table and the surrounding tables with a true sense of being present at a historic event.

Once again, we thank you for the privilege of having your direct spirit and knowledge shared with us in this historic setting.

Your enthusiastic supporters,



Dr. and Mrs. Arthur Sicular

AS/lo

Michelle, ^{Environment} did not receive until
25 MAR!

This is a mystery to me. ^{WSD}

The letter requests this go to a
regulatory agency - seems likely
EPA, CEQ; and DOT should
see this.

Jah MAR 25 1991

Document Originally
Attached to
Following Page

"CORRESPONDENCE TRACKING"

TYPE: PRESIDENTIAL PRIORITY

DOCUMENT NUMBER: 9120822

FROM: FORD, Richard C.: T/F PURIFINER, INC.

TO: PRESIDENT BUSH

J - why was this sent to us? - M

DATE OF CORRESPONDENCE: 02/21/91

SUBJECT: FORWARDS INFORMATION ON MOBILE ELECTRIC OIL REFINERS.

Nancy - return to you for handling - Misdirected her - Mitchell

re-ASSIGNED TO: Nancy Maynard

MVC for John O'Neil

ACTION REQUIRED: APPROPRIATE ACTION

SENDER'S DUE DATE: 04/02/91

OSTP DUE DATE: 03/26/91

DATE COMPLETED: 4/4/91

MAR 25 1991

COPIES TO: John O'Neil
Dr. Wong

WHITE HOUSE TRACKING #:

CONTACT PERSON: SALLY KELLEY

REMARKS:

see info was forwarded to EPA for more thorough consideration

DATE RECEIVED: 03/21/91

FILE: PRESIDENTIAL PRIORITY

THE WHITE HOUSE

WASHINGTON

March 26, 1991

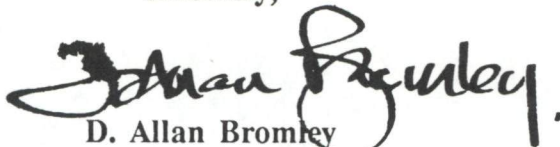
Dear Mr. Ford,

On behalf of President Bush, I would like to thank you for your letter of February 25, 1991 regarding the use of oil refiners for engines. The problem of oil disposal for individuals and fleet owners is not always easy. As you point out in your letter, your refiner could potentially reduce a large portion of the oil disposal problem.

In response to your concerns, I have forwarded your information and letter to the Assistant Administrator of the Office of Policy, Planning and Evaluation, in the U.S. Environmental Protection Agency for examination. This office provides policy and economic analysis support for the Agency, and would be appropriate for addressing this issue. If you would like to follow up on the Agency reaction to your idea, you may contact the Acting Assistant Administrator, Richard Morgenstern, at (202) 382-4332.

Thank you for sharing your concerns about the environmental and regulatory aspects of your technology.

Sincerely,



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

cc: Richard Morgenstern, EPA

Richard C. Ford
President
T/F Purifiner, Inc.
14402 Cypress Island Court
Palm Beach Gardens, Florida 33410

THE WHITE HOUSE
WASHINGTON

April 4, 1991

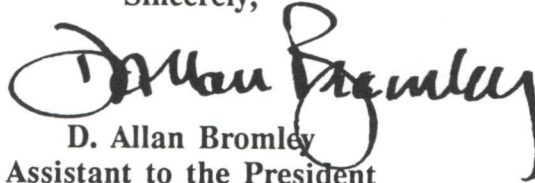
Dear Dr. Morgenstern:

Enclosed for your information please find our response to a letter from Mr. Richard Ford to President Bush regarding mobile oil refiners.

I would appreciate it if you would review the information provided by Mr. Ford and respond to him with your comments.

Thank you for your assistance in this matter.

Sincerely,



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

enclosure

Dr. Richard Morganstern
Acting Assistant Administrator
Office of Policy Planning and Evaluation
Environmental Protection Agency
402 M Street, SW
Washington, D.C. 20460

9/20822

RECEIVED

THE WHITE HOUSE OFFICE OF DIRECTOR

REFERRAL

MAR 21 10:04
OFFICE OF THE DIRECTOR
MARCH 21, 1991

TO: OFFICE OF SCIENCE AND TECHNOLOGY POLICY

ACTION REQUESTED:
APPROPRIATE ACTION

DESCRIPTION OF INCOMING:

ID: 216067
MEDIA: LETTER, DATED FEBRUARY 25, 1991
TO: PRESIDENT BUSH
FROM: MR. RICHARD C. FORD
PRESIDENT
T/F PURIFINER, INC.
14402 CYPRESS ISLAND COURT
PALM BEACH GARDENS FL 33410

SUBJECT: FORWARDS INFORMATION ON MOBILE ELECTRIC OIL REFINERS

PROMPT ACTION IS ESSENTIAL -- IF REQUIRED ACTION HAS NOT BEEN TAKEN WITHIN 9 WORKING DAYS OF RECEIPT, PLEASE TELEPHONE THE UNDERSIGNED AT 456-7486.

RETURN CORRESPONDENCE, WORKSHEET AND COPY OF RESPONSE (OR DRAFT) TO:
AGENCY LIAISON, ROOM 91, THE WHITE HOUSE, 20500

SALLY KELLEY
DIRECTOR OF AGENCY LIAISON
PRESIDENTIAL CORRESPONDENCE

THE WHITE HOUSE
CORRESPONDENCE TRACKING WORKSHEET

INCOMING

DATE RECEIVED: FEBRUARY 27, 1991

NAME OF CORRESPONDENT: MR. RICHARD C. FORD

SUBJECT: FORWARDS INFORMATION ON MOBILE ELECTRIC OIL
REFINERS

ROUTE TO: OFFICE/AGENCY	(STAFF NAME)	ACTION		DISPOSITION	
		ACT CODE	DATE YY/MM/DD	TYPE RESP	C D
KATHY JEAVONS		ORG	91/02/27	WSP C	91/03/08
OSTP	REFERRAL NOTE:	A	91/03/08		/ /
	REFERRAL NOTE:		/ /		/ /
	REFERRAL NOTE:		/ /		/ /
	REFERRAL NOTE:		/ /		/ /
	REFERRAL NOTE:		/ /		/ /

COMMENTS: _____

ADDITIONAL CORRESPONDENTS: MEDIA:L INDIVIDUAL CODES: _____

PL MAIL USER CODES: (A) _____ (B) _____ (C) _____

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*ACTION CODES:          *DISPOSITION          *OUTGOING          *
*                       *                       *CORRESPONDENCE:  *
*A-APPROPRIATE ACTION  *A-ANSWERED          *TYPE RESP=INITIALS *
*C-COMMENT/RECOM       *B-NON-SPEC-REFERRAL *           OF SIGNER *
*D-DRAFT RESPONSE      *C-COMPLETED        *           CODE = A   *
*F-FURNISH FACT SHEET *S-SUSPENDED        *COMPLETED = DATE OF *
*I-INFO COPY/NO ACT NEC*                       *           OUTGOING *
*R-DIRECT REPLY W/COPY *                       *                       *
*S-FOR-SIGNATURE       *                       *                       *
*X-INTERIM REPLY       *                       *                       *
*****

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REFER QUESTIONS AND ROUTING UPDATES TO CENTRAL REFERENCE
(ROOM 75, OE0B) EXT-2590
KEEP THIS WORKSHEET ATTACHED TO THE ORIGINAL INCOMING
LETTER AT ALL TIMES AND SEND COMPLETED RECORD TO RECORDS
MANAGEMENT.

SR: Kathy Johnson

216067



T/F PURIFINER, INC.
14402 Cypress Island Court
Palm Beach Gardens, Florida 33410

Office: (407) 622-2944
Fax: (407) 622-2766
1-800-488-0577

Exclusive worldwide manufacturers and distributors.

February 25, 1991

Mr. George Bush
Office of the President
1600 Pennsylvania Avenue
Washington, DC 20500

Dear Mr. President:

As you may be aware, over two billion gallons of waste oil are generated in the US each year and over half of this volume is unaccounted for. As we all know, most of it gets dumped - often indiscriminately. This contaminated oil contains a myriad of additives and products of combustion which have been identified as hazardous waste by many states.

But the practice persists as automobile, truck, heavy equipment and marine operators continue to change and discard used oil at regular intervals. This age-old notion of the need to change oil is inconsistent with modern research and technology. In fact, many years ago, the US Bureau of Standards concluded that oil doesn't wear out and if properly filtered and conditioned, it need not be discarded.

My purpose in writing to you, Mr. President, is to let you know that we at TF Purifiner also are concerned about protecting our environment and for a number of years have been on the leading edge of contaminated oil refinement.

We presently manufacture and market a full line of mobile electric oil refiners which, when installed on an operating engine, eliminate the need to change oil. We're making inroads with this innovation and would like to believe that in a small way, we're doing our bit to protect the environment. Among the enclosed testimonials, you'll be pleased to see that even EXXON is using our Purifiners on their offshore drilling platforms.

But old habits die hard and as long as engine manufacturers continue to recommend regular oil changes, waste oil disposal will remain an environmental concern.

Hopefully, as we look to the future, more stringent regulations from EPA concerning waste oil disposal will result in more widespread use of this proven technology.



February 25, 1991

Mr. George Bush Page Two.

I would appreciate your passing the enclosed information about this technology along to the appropriate regulatory agency for their review and consideration.

Sincerely,

Richard C. Ford
President

RCF/dp

Enclosures

"CORRESPONDENCE TRACKING"

TYPE: PRESIDENTIAL PRIORITY

DOCUMENT NUMBER: 9120353

FROM: GUDAS, LORRAINE J.

TO: PRESIDENT BUSH

DATE OF CORRESPONDENCE: 02/08/91

SUBJECT: A REPORT FROM LEON LEDERMAN ON THE STATE OF SCIENCE IN THE U.S. AND URGES THE PRESIDENT TO MAKE MORE FUNDS AVAILABLE FOR U.S. SCIENTIFIC RESEARCH.

ASSIGNED TO: Thomas Ratchford

ACTION REQUIRED: FOR DAB SIGNATURE

SENDER'S DUE DATE: 02/22/91

OSTP DUE DATE: 02/14/91

DATE COMPLETED: -----

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #: 210715

CONTACT PERSON:

REMARKS:

DATE RECEIVED: 02/11/91

FILE: WHO-REFERRAL

P. Pres. Priority



RECEIVED

THE WHITE HOUSE 201 F 12:05

REFERRAL

OSTP

OFFICE OF THE
DIRECTOR

FEBRUARY 8, 1991

TO: OFFICE OF SCIENCE AND TECHNOLOGY POLICY

ACTION REQUESTED:

DIRECT REPLY, FURNISH INFO COPY

DESCRIPTION OF INCOMING:

ID: 210715

MEDIA: LETTER, DATED JANUARY 29, 1991

TO: PRESIDENT BUSH

FROM: DR. LORRAINE J. GUDAS
DANA-FARBER CANCER INSTITUTE
44 BINNEY STREET
830D
BOSTON MA 02115

SUBJECT: FORWARDS A REPORT FROM LEON LEDERMAN ON THE
STATE OF SCIENCE IN THE U.S. AND URGES THE
PRESIDENT TO MAKE MORE FUNDS AVAILABLE FOR
SCIENTIFIC RESEARCH IN THE U.S.

PROMPT ACTION IS ESSENTIAL -- IF REQUIRED ACTION HAS NOT BEEN
TAKEN WITHIN 9 WORKING DAYS OF RECEIPT, PLEASE TELEPHONE THE
UNDERSIGNED AT 456-7486.

RETURN CORRESPONDENCE, WORKSHEET AND COPY OF RESPONSE
(OR DRAFT) TO:
AGENCY LIAISON, ROOM 91, THE WHITE HOUSE, 20500

SALLY KELLEY
DIRECTOR OF AGENCY LIAISON
PRESIDENTIAL CORRESPONDENCE

THE WHITE HOUSE
CORRESPONDENCE TRACKING WORKSHEET

INCOMING

DATE RECEIVED: FEBRUARY 06, 1991

NAME OF CORRESPONDENT: DR. LORRAINE J. GUDAS

SUBJECT: FORWARDS A REPORT FROM LEON LEDERMAN ON THE
STATE OF SCIENCE IN THE U.S. AND URGES THE
PRESIDENT TO MAKE MORE FUNDS AVAILABLE FOR
SCIENTIFIC RESEARCH IN THE U.S.

ROUTE TO: OFFICE/AGENCY	(STAFF NAME)	ACTION		DISPOSITION		
		ACT CODE	DATE YY/MM/DD	TYPE RESP	C D	COMPLETED YY/MM/DD
OFFICE OF SCIENCE AND TECHNOLOGY POLIC		RAP ORG	91/02/08	TC		
REFERRAL NOTE:						
REFERRAL NOTE:						
REFERRAL NOTE:						
REFERRAL NOTE:						
REFERRAL NOTE:						

COMMENTS: WRITER IS ASSOCIATE PROFESSOR, BIOLOGICAL
CHEMISTRY AND MOLECULAR, PHARMACOLOGY
DEPARTMENT, HARVARD MEDICAL SCHOOL

ADDITIONAL CORRESPONDENTS: MEDIA:L INDIVIDUAL CODES: 4610 4660
MI MAIL USER CODES: (A) (B) (C)

- ```

*ACTION CODES: *DISPOSITION *OUTGOING *
* * *CORRESPONDENCE: *
*A-APPROPRIATE ACTION *A-ANSWERED *TYPE RESP=INITIALS *
*C-COMMENT/RECOM *B-NON-SPEC-REFERRAL * OF SIGNER *
*D-DRAFT RESPONSE *C-COMPLETED * CODE = A *
*F-FURNISH FACT SHEET *S-SUSPENDED *COMPLETED = DATE OF *
I-INFO COPY/NO ACT NEC * OUTGOING *
*R-DIRECT REPLY W/COPY * * *
*S-FOR-SIGNATURE * * *
*X-INTERIM REPLY * * *

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REFER QUESTIONS AND ROUTING UPDATES TO CENTRAL REFERENCE  
(ROOM 75, OEOB) EXT-2590  
KEEP THIS WORKSHEET ATTACHED TO THE ORIGINAL INCOMING  
LETTER AT ALL TIMES AND SEND COMPLETED RECORD TO RECORDS  
MANAGEMENT.

THE WHITE HOUSE  
WASHINGTON

February 14, 1991

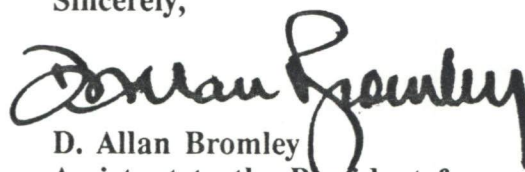
Dear Dr. Gudas:

The President has asked me to respond to your letter of January 29, 1991, urging more funding for scientific research in the United States. We share your vision of a strong science effort in this country.

On February 4 the President released his Fiscal Year 1992 budget request, proposing an \$8.4 billion (13%) increase in R&D. Given the tight budget environment we face today, this is no small accomplishment. I hope you and your colleagues will help convince the Congress of the wisdom of these proposed increases during the months ahead.

For your information, I am enclosing a copy of my February 4 statement addressing the Fiscal Year 1992 R&D budget. I hope you will find it helpful.

Sincerely,



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

Enclosure

Dr. Lorraine J. Gudas  
Associate Professor  
Biological Chemistry and Molecular  
Pharmacology Department  
Harvard Medical School, and  
Dana-Farber Cancer Institute, 830D  
44 Binney Street  
Boston, MA 02115

8

tracked  
per OSTP

210715

OSTP



DANA-FARBER  
CANCER INSTITUTE

January 29, 1991

THE JIMMY FUND

44 Binney Street, Boston, MA 02115

President George Bush  
The White House  
1600 Pennsylvania Avenue  
Washington, DC

Dear President Bush:

I wanted to make you aware of a recent report from Leon Lederman, President-Elect of the American Association for the Advancement of Science, on the state of science in the United States of America (enclosed). In particular, I would like to call your attention to the conclusions and recommendations on pages 17 and 18. I urge you to make more funds available for scientific research in this country. Otherwise, the decline that has already begun in this country's position relative to those of Japan, West Germany and France will continue with disastrous results for our future economy. I thank you for your attention to this matter.

Yours truly,

Dr. Lorraine J. Gudas

Dr. Lorraine J. Gudas  
Associate Professor  
Biological Chemistry and Molecular  
Pharmacology Department  
Harvard Medical School, and  
Dana-Farber Cancer Institute, 830D  
44 Binney Street  
Boston, MA 02115  
(617) 732-3184

"CORRESPONDENCE TRACKING"

TYPE: PRESIDENTIAL PRIORITY

DOCUMENT NUMBER: 9120232

\*\*\*\*\*

FROM: MICHAELS, PATRICK J.

TO: PRESIDENT BUSH

DATE OF  
CORRESPONDENCE: 02/05/91

SUBJECT: FOWARDS VOLUME 1 AND 2 OF THE RESEARCH AGENDA OF THE  
SYMPOSIUM HELD IN OCT REGARDING GLOBAL CLIMATIC  
CHANGE.

\*\*\*\*\*

ASSIGNED TO: Nancy Maynard

ACTION REQUIRED: FOR DAB  
SIGNATURE

\*\*\*\*\*

SENDER'S DUE DATE: 02/15/91

OSTP DUE DATE: 02/08/91

DATE COMPLETED: 4/2/91

\*\*\*\*\*

COPIES TO: D. Allan Bromley

\*\*\*\*\*

WHITE HOUSE TRACKING #: 209439

CONTACT PERSON:

REMARKS: *Returned enclosures to Sally Kelley*

DATE RECEIVED: 02/05/91

FILE: ~~WHO-REFERRAL/GLOBAL CHANGE~~

*Presidential Priority*

RECEIVED

91 FEB 5 A10:42

OFFICE OF THE  
DIRECTOR  
THE WHITE HOUSE OFFICE

REFERRAL

FEBRUARY 5, 1991

TO: OFFICE OF SCIENCE AND TECHNOLOGY POLICY

ACTION REQUESTED:

DIRECT REPLY, FURNISH INFO COPY

DESCRIPTION OF INCOMING:

ID: 209439

MEDIA: LETTER, DATED FEBRUARY 1, 1991

TO: PRESIDENT BUSH

FROM: MR. PATRICK J. MICHAELS  
DEPARTMENT OF ENVIRONMENTAL  
SCIENCES  
UNIVERSITY OF VIRGINIA  
CLARK HALL  
CHARLOTTESVILLE VA 22903

SUBJECT: FORWARDS VOLUME 1 AND 2 OF THE RESEARCH  
AGENDA OF THE SYMPOSIUM HELD IN OCT REGARDING  
GLOBAL CLIMATIC CHANGE

PROMPT ACTION IS ESSENTIAL -- IF REQUIRED ACTION HAS NOT BEEN  
TAKEN WITHIN 9 WORKING DAYS OF RECEIPT, PLEASE TELEPHONE THE  
UNDERSIGNED AT 456-7486.

RETURN CORRESPONDENCE, WORKSHEET AND COPY OF RESPONSE  
(OR DRAFT) TO:  
AGENCY LIAISON, ROOM 91, THE WHITE HOUSE, 20500

SALLY KELLEY  
DIRECTOR OF AGENCY LIAISON  
PRESIDENTIAL CORRESPONDENCE

THE WHITE HOUSE  
CORRESPONDENCE TRACKING WORKSHEET

INCOMING

DATE RECEIVED: FEBRUARY 01, 1991

NAME OF CORRESPONDENT: MR. PATRICK J. MICHAELS

SUBJECT: FORWARDS VOLUME 1 AND 2 OF THE RESEARCH  
AGENDA OF THE SYMPOSIUM HELD IN OCT REGARDING  
GLOBAL CLIMATIC CHANGE

| ROUTE TO:<br>OFFICE/AGENCY             | (STAFF NAME) | ACTION      |                  | DISPOSITION  |                           |
|----------------------------------------|--------------|-------------|------------------|--------------|---------------------------|
|                                        |              | ACT<br>CODE | DATE<br>YY/MM/DD | TYPE<br>RESP | C COMPLETED<br>D YY/MM/DD |
| OFFICE OF SCIENCE AND TECHNOLOGY POLIC |              | RAR<br>ORG  | 91/02/05         | TC           | 91/03/29                  |
| REFERRAL NOTE:                         |              |             |                  |              |                           |
| REFERRAL NOTE:                         |              |             |                  |              |                           |
| REFERRAL NOTE:                         |              |             |                  |              |                           |
| REFERRAL NOTE:                         |              |             |                  |              |                           |
| REFERRAL NOTE:                         |              |             |                  |              |                           |

COMMENTS:

ADDITIONAL CORRESPONDENTS: 1 MEDIA:L INDIVIDUAL CODES: 4610 4660

MI MAIL USER CODES: (A) (B) (C)

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*ACTION CODES: *DISPOSITION *OUTGOING *
* * *CORRESPONDENCE: *
*A-APPROPRIATE ACTION *A-ANSWERED *TYPE RESP=INITIALS *
*C-COMMENT/RECOM *B-NON-SPEC-REFERRAL * OF SIGNER *
*D-DRAFT RESPONSE *C-COMPLETED * CODE = A *
*F-FURNISH FACT SHEET *S-SUSPENDED *COMPLETED = DATE OF *
I-INFO COPY/NO ACT NEC * OUTGOING *
*R-DIRECT REPLY W/COPY * * *
*S-FOR-SIGNATURE * * *
*X-INTERIM REPLY * * *

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REFER QUESTIONS AND ROUTING UPDATES TO CENTRAL REFERENCE  
(ROOM 75, OEOB) EXT-2590  
KEEP THIS WORKSHEET ATTACHED TO THE ORIGINAL INCOMING  
LETTER AT ALL TIMES AND SEND COMPLETED RECORD TO RECORDS  
MANAGEMENT.

THE WHITE HOUSE

WASHINGTON

March 29, 1991

Dear Dr. Michaels:

On behalf of President Bush, thank you for your letter of February 1 regarding the impacts of future climatic change.

I appreciate your interest and will forward copies of your report entitled "Global Climatic Change: A New Vision for the 1990's, Volume I and II" to Dr. Robert Corell, Chairman of the Global Change Working Group (GCWG) of the Committee on Earth and Environmental Sciences (CEES). This Working Group is comprised of eighteen Federal Agencies and Departments concerned with global change phenomena. Of these, nine are actively involved in research focused on global change.

In addition, the GCWG has an ad hoc group, the Private Industry and Government Interaction Task Group, that focuses on interactions between private industry and Federal global change researchers. A member of my staff is the Chairman of this Task Group. These chairmen and their respective groups will ensure that your reports and comments are brought to the attention of the appropriate researchers and agencies.

I have enclosed a copy of the CEES 1991 research plan "Our Changing Planet: The FY 1991 Research Plan" for your information and reference. It provides a detailed description of other FY 1991 research programs, including information on the agencies and departments involved as well as the roles that they play in the U.S. Global Change Research Program.

Again, thank you for sharing your concerns and recommendations with the Administration.

Sincerely,

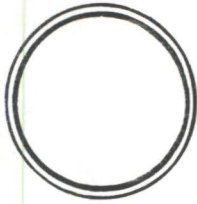


D. Allan Bromley  
Assistant to the President  
for  
Science and Technology

enclosure

Dr. Patrick J. Michaels  
Department of Environmental Sciences  
University of Virginia  
Clark Hall  
Charlottesville, Virginia 22903

209439



## DEPARTMENT OF ENVIRONMENTAL SCIENCES

CLARK HALL • UNIVERSITY OF VIRGINIA • CHARLOTTESVILLE • VIRGINIA • 22903  
FAX # (804) 982-2137 (804) 924-7761

February 1, 1991

The Honorable George H. Bush  
The White House  
Washington, DC

Dear Mr. President:

In October 1990, thirty environmental scientists of national and international reputation met in Phoenix for a symposium sponsored by the Laboratory of Climatology at Arizona State University to address the problem of global climatic change. Together they produced a Research Agenda titled "Global Climatic Change: A New Vision for the 1990s."

While all of these scientists agree that the Earth will undergo some warming, they are concerned about the mounting and compelling evidence that the "popular vision" of apocalyptic climate change -- a global temperature rise of 4°C, disastrous sea level rise, and civil strife resulting from ecological chaos -- is dramatically distorted. Our concern becomes more urgent as calls for economically significant remedies become more strident.

The working hypothesis of this group of scientists is that the impact of future climatic change is likely to be much less detrimental than generally expected, perhaps even neutral or beneficial. The lines of evidence include:

- *The Magnitude of Observed Warming.* The historical record of observed temperature change suggests global warming for a doubling of carbon dioxide will be far below the 4.2°C that fuels the popular vision. The satellite record further indicates that even these historical records are overestimating what small warming has occurred. The disagreement may mean either that the climate models are not yet sufficiently reliable or that other processes, not portrayed in the models, mitigate the CO<sub>2</sub> impact.
- *The Timing of Observed and Projected Warming.* New generation climate models project most of their warming in high latitude winter, which partitions most warming into the night. This mitigates most of the deleterious effects that fuel the popular vision and in fact lengthens growing seasons. The warmth of 1990 was consistent with this projection as were last year's world-averaged record crop yields.

The Honorable George H. Bush  
February 1, 1991  
Page 2

- *The Growth Enhancement Caused by Carbon Dioxide.* Carbon dioxide is currently a limiting nutrient for plants, and a voluminous scientific literature demonstrates enhanced growth and water use efficiency as CO<sub>2</sub> concentration increases.

It is truly ironic that the highly politicized nature of the global warming problem tends to suppress support for research that may lead to a more balanced view of the future. Most "global change" programs have bloomed because of the specter of an apocalypse. They can not rationally be expected to be enthusiastic about research that compromises their "raison d'être."

We urge you to bring the enclosed research documents to the attention of appropriate federal research agencies as well as the private sector, which may be more disposed to support research that could lead to a balanced assessment of the issue. This is especially true when a premature attempt to deal with, what in fact may be, a misinterpreted problem could lead to precipitous economic dislocations.

Sincerely,



Patrick J. Michaels  
University of Virginia



Robert C. Balling, Jr.  
Arizona State University

"CORRESPONDENCE TRACKING"

TYPE: PRESIDENTIAL PRIORITY DOCUMENT NUMBER: 9120199

\*\*\*\*\*

FROM: THE HONORABLE CONNIE MACK

TO: PRESIDENT BUSH

DATE OF CORRESPONDENCE: 02/01/91

SUBJECT: RECOMMENDS DR. DAVID REYNOLDS CHALLONER FOR APPOINTMENT TO THE COUNCIL OF ADVISORS ON SCIENCE AND TECHNOLOGY

\*\*\*\*\*

ASSIGNED TO:

ACTION REQUIRED: NO ACTION NECESSAR

\*\*\*\*\*

SENDER'S DUE DATE: 02/10/91 OSTP DUE DATE: 02/05/91

DATE COMPLETED: -----

\*\*\*\*\*

COPIES TO: D. Allan Bromley  
Thomas Welch

\*\*\*\*\*

WHITE HOUSE TRACKING #: 205952 CONTACT PERSON: SALLY KELLEY

REMARKS:

DATE RECEIVED: 02/01/91

FILE: ~~WHO-REFERRAL~~

*Pres. Priority*

T H E W H I T E H O U S E O F F I C E

REFERRAL

FEBRUARY 1, 1991

TO: OFFICE OF SCIENCE AND TECHNOLOGY POLICY

ACTION REQUESTED:

INFORMATION COPY - NO ACTION NECESSARY

DESCRIPTION OF INCOMING:

ID: 205952

MEDIA: LETTER, DATED JANUARY 15, 1991

TO: PRESIDENT BUSH

FROM: THE HONORABLE CONNIE MACK  
UNITED STATES SENATE

WASHINGTON DC 20510

SUBJECT: RECOMMENDS DR. DAVID REYNOLDS CHALLONER  
FOR APPOINTMENT TO THE COUNCIL OF ADVISORS ON  
SCIENCE AND TECHNOLOGY

PROMPT ACTION IS ESSENTIAL -- IF REQUIRED ACTION HAS NOT BEEN  
TAKEN WITHIN 9 WORKING DAYS OF RECEIPT, PLEASE TELEPHONE THE  
UNDERSIGNED AT 456-7486.

RETURN CORRESPONDENCE, WORKSHEET AND COPY OF RESPONSE  
(OR DRAFT) TO:

AGENCY LIAISON, ROOM 91, THE WHITE HOUSE, 20500

SALLY KELLEY  
DIRECTOR OF AGENCY LIAISON  
PRESIDENTIAL CORRESPONDENCE

THE WHITE HOUSE  
CORRESPONDENCE TRACKING WORKSHEET

INCOMING

DATE RECEIVED: JANUARY 18, 1991

NAME OF CORRESPONDENT: THE HONORABLE CONNIE MACK

SUBJECT: RECOMMENDS DR. DAVID REYNOLDS CHALLONER  
FOR APPOINTMENT TO THE COUNCIL OF ADVISORS ON  
SCIENCE AND TECHNOLOGY

| ROUTE TO:<br>OFFICE/AGENCY | (STAFF NAME)   | ACTION<br>ACT CODE | DATE<br>YY/MM/DD | DISPOSITION<br>TYPE RESP | C COMPLETED<br>D YY/MM/DD |
|----------------------------|----------------|--------------------|------------------|--------------------------|---------------------------|
| FREDERICK MCCLURE          |                | ORG                | 91/01/18         | FM                       | APR 10/1/25               |
| <i>VPP Bull</i>            | REFERRAL NOTE: |                    |                  |                          |                           |
| <i>99 OSTP</i>             | REFERRAL NOTE: | <i>A</i>           | <i>910130</i>    |                          | <i>1/1</i>                |
|                            | REFERRAL NOTE: | <i>I</i>           | <i>910130</i>    |                          | <i>1/1</i>                |
|                            | REFERRAL NOTE: |                    |                  |                          |                           |
|                            | REFERRAL NOTE: |                    |                  |                          |                           |
|                            | REFERRAL NOTE: |                    |                  |                          |                           |

COMMENTS: ONE SIGNATURE ILLEGIBLE  
*Letter sent to all signees*

ADDITIONAL CORRESPONDENTS: 18 MEDIA:L INDIVIDUAL CODES: 1220 1230 1240  
MAIL USER CODES: (A)END (B) (C)

- \*\*\*\*\*
- |                          |                      |                      |   |
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| *ACTION CODES:           | *DISPOSITION         | *OUTGOING            | * |
| *                        | *                    | *CORRESPONDENCE:     | * |
| *A-APPROPRIATE ACTION    | *A-ANSWERED          | *TYPE RESP=INITIALS  | * |
| *C-COMMENT/RECOM         | *B-NON-SPEC-REFERRAL | * OF SIGNER          | * |
| *D-DRAFT RESPONSE        | *C-COMPLETED         | * CODE = A           | * |
| *F-FURNISH FACT SHEET    | *S-SUSPENDED         | *COMPLETED = DATE OF | * |
| *I-INFO COPY/NO ACT NEC* |                      | * OUTGOING           | * |
| *R-DIRECT REPLY W/COPY * |                      |                      | * |
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| *X-INTERIM REPLY *       |                      |                      | * |
- \*\*\*\*\*

REFER QUESTIONS AND ROUTING UPDATES TO CENTRAL REFERENCE  
(ROOM 75,OEOb) EXT-2590  
KEEP THIS WORKSHEET ATTACHED TO THE ORIGINAL INCOMING  
LETTER AT ALL TIMES AND SEND COMPLETED RECORD TO RECORDS  
MANAGEMENT.

January 25, 1991

Dear Connie:

Thank you for your recent letter to the President, cosigned by 19 of your colleagues, recommending Dr. David Reynolds Challoner for appointment to the Council of Advisors for Science and Technology.

We appreciate being advised of your personal endorsement on behalf of Dr. Challoner. I have taken the liberty of sharing your letter with the Office of Presidential Personnel. You can be sure that the President's advisors will give Dr. Challoner their most careful consideration.

Thank you again for your interest in writing.

With best regards,

Sincerely,

Frederick D. McClure  
Assistant to the President  
for Legislative Affairs

The Honorable Connie Mack  
United States Senate  
Washington, D.C. 20510

FDM:HGP:jfc (1FDMG)  
Council.SpF

bcc: w/copy of inc to Presidential Personnel - for appropriate  
action

bcc: w/copy of inc to OSTP - FYI

United States Senate  
WASHINGTON, DC 20510

January 15, 1991

The Honorable George Bush  
The White House  
Washington, D.C. 20500

Dear Mr. President,

We understand that Dr. David Reynolds Challoner is under serious consideration for an appointment to your Council of Advisors on Science and Technology. We, the undersigned members of the Florida delegation, would like to express our strong support of Dr. Challoner for this prestigious appointment.

Dr. Challoner is the Vice President for Health Affairs at the University of Florida and is a distinguished physician who is recognized as a leader in the medical/scientific community. Within the scope of his responsibilities are the six health related colleges, the close partnership with the Veterans Administration, and Shands Teaching Hospital.

Dr. Challoner's academic record is outstanding. He graduated Cum Laude from Lawrence College in Wisconsin and received his Medical Degree Cum Laude from Harvard Medical School. His rise in the academic world has included appointments as Professor of Internal Medicine at Indiana University and Dean and Professor of Medicine at the St. Louis University School of Medicine. Currently he holds the positions of Vice President for Health Affairs and Chairman of the Board of Directors of the Shands Hospital at the University of Florida. The list of honors he has received is also quite extensive and includes the Harvard Medical Alumni Award and the American Medical Association's Dr. William Beaumont Award for "outstanding contribution to the profession of medicine by a physician under the age of 50".

Dr. Challoner has held leadership positions in many national organizations that have given him the experience necessary to fulfill the duties required for a member on the President's Council of Advisors on Science and Technology. Chairman of the Membership Committee in the Institute of Medicine of the National Academy of Sciences, President of the American Federation for Clinical Research, and Chairman of the Section on Medical Schools in the American Medical Association are just some of the leadership positions he has held. He has also published well over 30 articles and essays that illustrate his research in endocrinology and internal medicine.

The Honorable George Bush  
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January 15, 1991

Based on his past academic record, his contributions to medicine, his impeccable record, and his many leadership positions in the medical profession, Dr. Challoner has portrayed the character and quality needed to fill the position on this council.

Thank you in advance for your careful consideration of Dr. Challoner for this appointment. It is obvious to us, that he is the type of individual who would make an outstanding contribution to your Administration and the science community.

Sincerely,

Bruce Mach  
Pat S. *Pat S.*  
Pete Peterson  
Tom Lewis  
Cliff Seaman  
John Smith  
William Lerner  
E. Clay Stamps  
Karl Watts

Bob Crataw  
Jim Bacchus  
Craig James  
H. Johnston  
Bulfinch  
Ann Dr. Giltors  
Nante B. Fascell  
Mike Biliadis  
Bill McCollum

The Honorable George Bush  
Page Three  
January 15, 1991

*Andy Luban*  
\_\_\_\_\_  
*Andy Luban*

*George Bush*  
\_\_\_\_\_  
*George Bush*

HOUSE ALPHA LISTING  
(01/08/91)

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| 5.    | Glenn M. Anderson     | D/CA | 55.  | Tom Campbell            | R/CA |
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| 8.    | Thomas Andrews        | D/ME | 58.  | Bob Carr                | D/MI |
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| 12.   | Bill Archer           | R/TX | 62.  | Bob Clement             | D/TN |
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| 14.   | Les Aspin             | D/WI | 64.  | Howard Coble            | R/NC |
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| 22.   | Steve Bartlett        | R/TX | 72.  | John Conyers, Jr.       | D/MI |
| 23.   | Joe Barton            | R/TX | 73.  | Jim Cooper              | D/TN |
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| 36.   | John Boehner          | R/OH | 86.  | E "Kika" de la Garza    | D/TX |
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| 48.   | Jim Bunning           | R/KY | 98.  | John T. Doolittle       | R/CA |
| 49.   | Dan Burton            | R/IN | 99.  | Byron L. Dorgan         | D/ND |
| 50.   | Albert G. Bustamante  | D/TX | 100. | Robert K. Dornan        | R/CA |

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(01/08/91)

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| 102. | David Dreier            | R/CA | 152. | Fred Grandy             | R/IA |
| 103. | John J. Duncan, Jr.     | R/TN | 153. | William H. Gray III     | D/PA |
| 104. | Richard J. Durbin       | D/IL | 154. | Bill Green              | R/NY |
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| 106. | Mervyn M. Dymally       | D/CA | 156. | Steve Gunderson         | R/WI |
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| 118. | Eni Hunkin Faleomavaega | D/AS | 168. | Joel Hefley             | R/CO |
| 119. | ✓ Dante B. Fascell      | D/FL | 169. | W. G. "Bill" Hefner     | D/NC |
| 120. | Harris W. Fawell        | R/IL | 170. | Paul B. Henry           | R/MI |
| 121. | Vic Fazio               | D/CA | 171. | Wally Herger            | R/CA |
| 122. | Edward F. Feighan       | D/OH | 172. | Dennis M. Hertel        | D/MI |
| 123. | Jack Fields             | R/TX | 173. | Peter Hoagland          | D/NE |
| 124. | Hamilton Fish, Jr.      | R/NY | 174. | David Hobson            | R/OH |
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| 126. | Thomas M. Foglietta     | D/PA | 176. | Clyde C. Holloway       | R/LA |
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| 128. | Harold E. Ford          | D/TN | 178. | Joan Kelly Horn         | D/MO |
| 129. | William D. Ford         | D/MI | 179. | Frank Horton            | R/NY |
| 130. | Barney Frank            | D/MA | 180. | Amory Houghton, Jr.     | R/NY |
| 131. | Gary Franks             | R/CT | 181. | Steny H. Hoyer          | D/MD |
| 132. | Martin Frost            | D/TX | 182. | Carroll Hubbard, Jr.    | D/KY |
| 133. | Jaime B. Fuster         | D/PR | 183. | Jerry Huckaby           | D/LA |
| 134. | Elton Gallegly          | R/CA | 184. | William J. Hughes       | D/NJ |
| 135. | Dean A. Gallo           | R/NJ | 185. | Duncan Hunter           | R/CA |
| 136. | Joseph M. Gaydos        | D/PA | 186. | ✓ Earl Hutto            | D/FL |
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| 138. | George W. Gekas         | R/PA | 188. | James M. Inhofe         | R/OK |
| 139. | Richard A. Gephardt     | D/MO | 189. | ✓ Andy Ireland          | R/FL |
| 140. | Pete Geren              | D/TX | 190. | ✓ Andrew Jacobs, Jr.    | D/IN |
| 141. | ✓ Sam Gibbons           | D/FL | 191. | ✓ Craig T. James        | R/FL |
| 142. | Wayne T. Gilchrest      | R/MD | 192. | William J. Jefferson    | D/LA |
| 143. | Paul E. Gillmor         | R/OH | 193. | Ed Jenkins              | D/GA |
| 144. | Benjamin A. Gilman      | R/NY | 194. | Nancy L. Johnson        | R/CT |
| 145. | Newt Gingrich           | R/GA | 195. | Tim Johnson             | D/SD |
| 146. | Dan Glickman            | D/KS | 196. | ✓ Harry A. Johnston     | D/FL |
| 147. | Henry B. Gonzalez       | D/TX | 197. | Ben Jones               | D/GA |
| 148. | William F. Goodling     | R/PA | 198. | Walter B. Jones         | D/NC |
| 149. | ✓ Bart Gordon           | D/TN | 199. | James Jontz             | D/IN |
| 150. | ✓ Porter J. Goss        | R/FL | 200. | Paul E. Kanjorski       | D/PA |

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(01/08/91)

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| 202. | John R. Kasich        | R/OH | 252. | James A. McDermott    | D/WA |
| 203. | Joseph P. Kennedy II  | D/MA | 253. | Bob McEwen            | R/OH |
| 204. | Barbara B. Kennelly   | D/CT | 254. | Raymond J. McGrath    | R/NY |
| 205. | Dale E. Kildee        | D/MI | 255. | Matthew F. McHugh     | D/NY |
| 206. | Gerald Kleczka        | D/WI | 256. | J. Alex McMillan      | R/NC |
| 207. | Scott L. Klug         | R/WI | 257. | Thomas McMillen       | D/MD |
| 208. | Jim Kolbe             | R/AZ | 258. | Michael R. McNulty    | D/NY |
| 209. | Joseph P. Kolter      | D/PA | 259. | Jan Meyers            | R/KS |
| 210. | Mike Kopetski         | D/OR | 260. | Kweisi Mfume          | D/MD |
| 211. | Peter H. Kostmayer    | D/PA | 261. | Robert H. Michel      | R/IL |
| 212. | Jon Kyl               | R/AZ | 262. | Clarence E. Miller    | R/OH |
| 213. | John J. LaFalce       | D/NY | 263. | George Miller         | D/CA |
| 214. | Robert J. Lagomarsino | R/CA | 264. | John Miller           | R/WA |
| 215. | Martin Lancaster      | D/NC | 265. | Norman Y. Mineta      | D/CA |
| 216. | Tom Lantos            | D/CA | 266. | Patsy Mink            | D/HI |
| 217. | Larry LaRocco         | D/ID | 267. | Joe Moakley           | D/MA |
| 218. | Greg Laughlin         | D/TX | 268. | Susan Molinari        | R/NY |
| 219. | Jim Leach             | R/IA | 269. | Alan B. Mollohan      | D/WV |
| 220. | Richard Lehman        | D/CA | 270. | G. V. Montgomery      | D/MS |
| 221. | William Lehman        | D/FL | 271. | Jim Moody             | D/WI |
| 222. | Norman F. Lent        | R/NY | 272. | Carlos J. Moorhead    | R/CA |
| 223. | Sander Levin          | D/MI | 273. | James Moran           | D/VA |
| 224. | Mel Levine            | D/CA | 274. | Constance A. Morella  | R/MD |
| 225. | Jerry Lewis           | R/CA | 275. | Sid Morrison          | R/WA |
| 226. | John Lewis            | D/GA | 276. | Robert J. Mrazek      | D/NY |
| 227. | Tom Lewis             | R/FL | 277. | Austin J. Murphy      | D/PA |
| 228. | Jim Ross Lightfoot    | R/IA | 278. | John P. Murtha        | D/PA |
| 229. | William O. Lipinski   | D/IL | 279. | John T. Myers         | R/IN |
| 230. | Bob Livingston        | R/LA | 280. | David R. Nagle        | D/IA |
| 231. | Marilyn Lloyd         | D/TN | 281. | William H. Natcher    | D/KY |
| 232. | Jill Long             | D/IN | 282. | Richard E. Neal       | D/MA |
| 233. | Bill Lowery           | R/CA | 283. | Stephen L. Neal       | D/NC |
| 234. | Nita M. Lowey         | D/NY | 284. | Richard Nichols       | R/KS |
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| 236. | Ronald K. Machtley    | R/RI | 286. | Henry J. Nowak        | D/NY |
| 237. | Edward R. Madigan     | R/IL | 287. | Jim Nussle            | R/IA |
| 238. | Thomas J. Manton      | D/NY | 288. | Mary Rose Oaker       | D/OH |
| 239. | Edward J. Markey      | D/MA | 289. | James L. Oberstar     | D/MN |
| 240. | Ron Marlenee          | R/MT | 290. | David R. Obey         | D/WI |
| 241. | David O'B. Martin     | R/NY | 291. | James R. Olin         | D/VA |
| 242. | Matthew G. Martinez   | D/CA | 292. | Solomon P. Ortiz      | D/TX |
| 243. | Robert T. Matsui      | D/CA | 293. | William Orton         | D/UT |
| 244. | Nicholas Mavroules    | D/MA | 294. | Major R. Owens        | D/NY |
| 245. | Romano L. Mazzoli     | D/KY | 295. | Wayne Owens           | D/UT |
| 246. | Al McCandless         | R/CA | 296. | Michael G. Oxley      | R/OH |
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| 248. | Bill McCollum         | R/FL | 298. | Frank Pallone, Jr.    | D/NJ |
| 249. | Jim McCrery           | R/LA | 299. | Leon E. Panetta       | D/CA |
| 250. | Dave McCurdy          | D/OK | 300. | Mike Parker           | D/MS |

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(01/08/91)

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| 302. | L. William Paxon      | R/NY | 352. | H. James Saxton             | R/NJ |
| 303. | Donald M. Payne       | D/NJ | 353. | Dan Schaefer                | R/CO |
| 304. | Lewis F. Payne, Jr.   | D/VA | 354. | James H. Scheuer            | D/NY |
| 305. | Don J. Pease          | D/OH | 355. | Steven Schiff               | R/NM |
| 306. | Nancy Pelosi          | D/CA | 356. | Patricia Schroeder          | D/CO |
| 307. | Timothy J. Penny      | D/MN | 357. | Richard T. Schulze          | R/PA |
| 308. | Carl C. Perkins       | D/KY | 358. | Charles E. Schumer          | D/NY |
| 309. | Collin Peterson       | D/MN | 359. | F. James Sensenbrenner, Jr. | R/WI |
| 310. | Peter Peterson        | D/FL | 360. | Jose E. Serrano             | D/NY |
| 311. | Thomas E. Petri       | R/WI | 361. | Philip R. Sharp             | D/IN |
| 312. | Owen B. Pickett       | D/VA | 362. | E. Clay Shaw, Jr.           | R/FL |
| 313. | J. J. Pickle          | D/TX | 363. | Christopher Shays           | R/CT |
| 314. | John Edward Porter    | R/IL | 364. | Bud Shuster                 | R/PA |
| 315. | Glenn Poshard         | D/IL | 365. | Gerry Sikorski              | D/MN |
| 316. | David E. Price        | D/NC | 366. | Norman Sisisky              | D/VA |
| 317. | Carl D. Pursell       | R/MI | 367. | David Skaggs                | D/CO |
| 318. | James H. Quillen      | R/TN | 368. | Joe Skeen                   | R/NM |
| 319. | Nick Joe Rahall II    | D/WV | 369. | Ike Skelton                 | D/MO |
| 320. | Jim Ramstad           | R/MN | 370. | Jim Slattery                | D/KS |
| 321. | Charles B. Rangel     | D/NY | 371. | D. French Slaughter, Jr.    | R/VA |
| 322. | Arthur Ravenel, Jr.   | R/SC | 372. | Louise M. Slaughter         | D/NY |
| 323. | Richard Ray           | D/GA | 373. | Christopher H. Smith        | R/NJ |
| 324. | Jack Reed             | D/RI | 374. | Lamar Smith                 | R/TX |
| 325. | Ralph Regula          | R/OH | 375. | Larry Smith                 | D/FL |
| 326. | John J. Rhodes III    | R/AZ | 376. | Neal Smith                  | D/IA |
| 327. | Bill Richardson       | D/NM | 377. | Robert F. Smith             | R/OR |
| 328. | Tom J. Ridge          | R/PA | 378. | Olympia J. Snowe            | R/ME |
| 329. | Frank Riggs           | R/CA | 379. | Stephen J. Solarz           | D/NY |
| 330. | Matthew J. Rinaldo    | R/NJ | 380. | Gerald B. Solomon           | R/NY |
| 331. | Don Ritter            | R/PA | 381. | Floyd Spence                | R/SC |
| 332. | Pat Roberts           | R/KS | 382. | John Spratt                 | D/SC |
| 333. | Robert A. Roe         | D/NJ | 383. | Harley O. Staggers, Jr.     | D/WV |
| 334. | Timothy Roemer        | D/IN | 384. | Richard Stallings           | D/ID |
| 335. | Harold Rogers         | R/KY | 385. | Fortney H. Stark            | D/CA |
| 336. | Dana Rohrabacher      | R/CA | 386. | Clifford B. Stearns         | R/FL |
| 337. | Ileana Ros-Lehtinen   | R/FL | 387. | Charles W. Stenholm         | D/TX |
| 338. | Charles Rose          | D/NC | 388. | Louis Stokes                | D/OH |
| 339. | Dan Rostenkowski      | D/IL | 389. | Gerry E. Studds             | D/MA |
| 340. | Toby Roth             | R/WI | 390. | Bob Stump                   | R/AZ |
| 341. | Marge Roukema         | R/NJ | 391. | Don Sundquist               | R/TN |
| 342. | J. Roy Rowland        | D/GA | 392. | Richard Swett               | D/NH |
| 343. | Edward R. Roybal      | D/CA | 393. | Al Swift                    | D/WA |
| 344. | Marty Russo           | D/IL | 394. | Mike Synar                  | D/OK |
| 345. | Martin Olav Sabo      | D/MN | 395. | Robin Tallon                | D/SC |
| 346. | Bernard Sanders       | I/VT | 396. | John Tanner                 | D/TN |
| 347. | George E. Sangmeister | D/IL | 397. | Billy Tauzin                | D/LA |
| 348. | Richard John Santorum | R/PA | 398. | Charles H. Taylor           | R/NC |
| 349. | Bill Sarpalius        | D/TX | 399. | Gene Taylor                 | D/MS |
| 350. | Gus Savage            | D/IL | 400. | Craig Thomas                | R/WY |

HOUSE ALPHA LISTING  
(01/08/91)

|      |                         |      |       |                   |      |
|------|-------------------------|------|-------|-------------------|------|
| 401. | Lindsay Thomas          | D/GA | 421.  | Maxine Waters     | D/CA |
| 402. | William M. Thomas       | R/CA | 422.  | Henry A. Waxman   | D/CA |
| 403. | Ray Thornton            | D/AR | 423.  | Vin Weber         | R/MN |
| 404. | Esteban Torres          | D/CA | 424.  | Ted Weiss         | D/NY |
| 405. | Robert G. Torricelli    | D/NJ | 425.  | Curt Weldon       | R/PA |
| 406. | Edolphus Towns          | D/NY | 426.  | Alan Wheat        | D/MO |
| 407. | James A. Traficant, Jr. | D/OH | 427.  | Jamie L. Whitten  | D/MS |
| 408. | Bob Traxler             | D/MI | 428.  | Pat Williams      | D/MT |
| 409. | Morris K. Udall         | D/AZ | 429.  | Charles Wilson    | D/TX |
| 410. | Jolene Unsoeld          | D/WA | 430.  | Bob Wise          | D/WV |
| 411. | Fred Upton              | R/MI | 431.  | Frank R. Wolf     | R/VA |
| 412. | Tim Valentine           | D/NC | 432.  | Howard Wolpe      | D/MI |
| 413. | Guy Vander Jagt         | R/MI | 433.  | Ron Wyden         | D/OR |
| 414. | Bruce F. Vento          | D/MN | 434.  | Chalmers P. Wylie | R/OH |
| 415. | Peter J. Visclosky      | D/IN | 435.  | Sidney R. Yates   | D/IL |
| 416. | Harold L. Volkmer       | D/MO | 436.  | Gus Yatron        | D/PA |
| 417. | Barbara Vucanovich      | R/NV | 437.✓ | C.W. Bill Young   | R/FL |
| 418. | Robert S. Walker        | R/PA | 438.  | Don Young         | R/AK |
| 419. | James T. Walsh          | R/NY | 439.  | William H. Zeff   | R/NH |
| 420. | Craig Washington        | D/TX | 440.  | Richard A. Zimmer | R/NJ |

# # #

"CORRESPONDENCE TRACKING"

TYPE: PRESIDENTIAL PRIORITY

DOCUMENT NUMBER: 9120214

\*\*\*\*\*

FROM: HARRELL, SAM

TO: PRESIDENT BUSH

DATE OF CORRESPONDENCE: 01/31/91

SUBJECT: SUPPORT FOR THE PRESIDENT'S ACTIONS IN THE GULF AND OFFERS ASSISTANCE TO HELP THE PRESIDENT TO ACHIEVE THE GOALS TO IMPROVE THE CONDITION OF US HIGH TECH.

\*\*\*\*\*

ASSIGNED TO: Dr. Phillips

ACTION REQUIRED: DRAFT RESPONSE FOR DAB

\*\*\*\*\*

SENDER'S DUE DATE: 02/14/91

OSTP DUE DATE: 02/11/91

DATE COMPLETED: -----

\*\*\*\*\*

COPIES TO: D. Allan Bromley  
Ken Yale  
Dr. Phillips

\*\*\*\*\*

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

DATE RECEIVED: 02/01/91

FILE: *Pres. Priority*  
~~WHO-REFERRAL~~

"CORRESPONDENCE TRACKING"

TYPE: PRESIDENTIAL PRIORITY

DOCUMENT NUMBER: 9120214

\*\*\*\*\*

FROM: HARRELL, SAM

TO: PRESIDENT BUSH

DATE OF CORRESPONDENCE: 01/31/91

SUBJECT: SUPPORT FOR THE PRESIDENT'S ACTIONS IN THE GULF AND OFFERS ASSISTANCE TO HELP THE PRESIDENT TO ACHIEVE THE GOALS TO IMPROVE THE CONDITION OF US HIGH TECH.

\*\*\*\*\*

ASSIGNED TO: Michelle Van Cleave

*No*  
*Brie Phillips*  
*a better choice*  
*to respond, I*  
*think*

ACTION REQUIRED: DRAFT RESPONSE FOR DAB

\*\*\*\*\*

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED: -----

\*\*\*\*\*

COPIES TO: D. Allan Bromley  
Ken Yale  
Dr. Phillips

\*\*\*\*\*

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

DATE RECEIVED: 02/01/91

FILE: WHO-REFERRAL

THE WHITE HOUSE  
WASHINGTON

February 8, 1991

Dear Dr. Harrell:

Thank you for your letter of January 28, 1991 to the President supporting his actions in the Middle East conflict. He deeply appreciates the encouragement he has received from Americans in all walks of life, and particularly from those such as you who have family members serving in our combat forces.

The President is keenly aware of the important role that technology plays in both national security and industrial competitiveness. The proposed Federal R&D budget for Fiscal Year 1992 is 13 percent over 1991 levels, reflecting for advanced technologies as well as fundamental sciences. The increases in applied R&D are aimed at generic or enabling technologies that have many applications in the public and private sectors.

The President also stated last fall when presenting the National Medals of Science and Medals of Technology: "If America is to maintain and strengthen our competitive position, we must continue not only to create new technologies, but learn to more effectively translate those technologies into commercial products."

Thank you again for your support of the President and for the continuing commitment of SEMI/SEMATECH to improving the U.S. position in high technology.

Sincerely,



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

Mr. Sam Harrell  
President  
SEMI/SEMATECH  
2706 Montopolis Drive  
Austin, Texas 78741

9120214

RECEIVED

OSTP

91 FEB 1 P 3: 35

T H E W H I T E H O U S E O F F I C E

REFERRAL

OFFICE OF THE  
DIRECTOR

JANUARY 31, 1991

TO: OFFICE OF SCIENCE AND TECHNOLOGY POLICY

ACTION REQUESTED:

DESCRIPTION OF INCOMING:

ID: 208612  
MEDIA: LETTER,  
TO: PRESIDENT BUSH  
FROM: MR. SAM HARRELL  
PRESIDENT  
SEMI / SEMATECH  
2706 MONTOPOLIS DRIVE  
AUSTIN TX 78741

SUBJECT: SUPPORT FOR THE PRESIDENT'S ACTIONS IN THE  
PERSIAN GULF, AND OFFERS ASSISTANCE TO HELP  
THE PRESIDENT TO ACHIEVE THE GOALS TO IMPROVE  
THE CONDITION OF U.S. HIGH TECHNOLOGY

PROMPT ACTION IS ESSENTIAL -- IF REQUIRED ACTION HAS NOT BEEN  
TAKEN WITHIN 9 WORKING DAYS OF RECEIPT, PLEASE TELEPHONE THE  
UNDERSIGNED AT 456-7486.

RETURN CORRESPONDENCE, WORKSHEET AND COPY OF RESPONSE  
(OR DRAFT) TO:  
AGENCY LIAISON, ROOM 91, THE WHITE HOUSE, 20500

SALLY KELLEY  
DIRECTOR OF AGENCY LIAISON  
PRESIDENTIAL CORRESPONDENCE

THE WHITE HOUSE  
CORRESPONDENCE TRACKING WORKSHEET

INCOMING

DATE RECEIVED: JANUARY 29, 1991

NAME OF CORRESPONDENT: MR. SAM HARRELL

SUBJECT: SUPPORT FOR THE PRESIDENT'S ACTIONS IN THE  
PERSIAN GULF, AND OFFERS ASSISTANCE TO HELP  
THE PRESIDENT TO ACHIEVE THE GOALS TO IMPROVE  
THE CONDITION OF U.S. HIGH TECHNOLOGY

| ROUTE TO:<br>OFFICE/AGENCY             | (STAFF NAME) | ACTION      |                  | DISPOSITION  |        |                       |
|----------------------------------------|--------------|-------------|------------------|--------------|--------|-----------------------|
|                                        |              | ACT<br>CODE | DATE<br>YY/MM/DD | TYPE<br>RESP | C<br>D | COMPLETED<br>YY/MM/DD |
| OFFICE OF SCIENCE AND TECHNOLOGY POLIC |              | ORG         | 91/01/29         | LD           |        | / /                   |
| REFERRAL NOTE:                         |              |             | / /              |              |        | / /                   |
| REFERRAL NOTE:                         |              |             | / /              |              |        | / /                   |
| REFERRAL NOTE:                         |              |             | / /              |              |        | / /                   |
| REFERRAL NOTE:                         |              |             | / /              |              |        | / /                   |
| REFERRAL NOTE:                         |              |             | / /              |              |        | / /                   |

COMMENTS: INCOMING DATED JAN 28 90; REC'D IN ANALYSIS  
JAN 29 91  
WRITER'S SON IS A MARINE SERVING IN SAUDI  
ARABIA

ADDITIONAL CORRESPONDENTS: MEDIA:L INDIVIDUAL CODES: 4200 4690

MI MAIL USER CODES: (A) (B) (C)

\*\*\*\*\*

|                          |                      |                      |   |
|--------------------------|----------------------|----------------------|---|
| *ACTION CODES:           | *DISPOSITION         | *OUTGOING            | * |
| *                        | *                    | *CORRESPONDENCE:     | * |
| *A-APPROPRIATE ACTION    | *A-ANSWERED          | *TYPE RESP=INITIALS  | * |
| *C-COMMENT/RECOM         | *B-NON-SPEC-REFERRAL | * OF SIGNER          | * |
| *D-DRAFT RESPONSE        | *C-COMPLETED         | * CODE = A           | * |
| *F-FURNISH FACT SHEET    | *S-SUSPENDED         | *COMPLETED = DATE OF | * |
| *I-INFO COPY/NO ACT NEC* |                      | * OUTGOING           | * |
| *R-DIRECT REPLY W/COPY * |                      |                      | * |
| *S-FOR-SIGNATURE *       |                      |                      | * |
| *X-INTERIM REPLY *       |                      |                      | * |

\*\*\*\*\*

REFER QUESTIONS AND ROUTING UPDATES TO CENTRAL REFERENCE  
(ROOM 75, OEOB) EXT-2590  
KEEP THIS WORKSHEET ATTACHED TO THE ORIGINAL INCOMING  
LETTER AT ALL TIMES AND SEND COMPLETED RECORD TO RECORDS  
MANAGEMENT.

# Withdrawal/Redaction Sheet

## (George Bush Library)

| Document No. and Type | Subject/Title of Document                                                                    | Date    | Restriction | Class. |
|-----------------------|----------------------------------------------------------------------------------------------|---------|-------------|--------|
| 01. Letter            | To: President Bush From: Sam Harrell<br>Re: Semi/Sematech [P.L. 100-180, Sec 276(a)] (2 pp.) | 1/28/90 | (b)(3)      |        |

**Collection:**

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

|                                     |                                |
|-------------------------------------|--------------------------------|
| <b>Date Closed:</b> 5/7/2010        | <b>OA/ID Number:</b> 62087-004 |
| <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

*Pres. Priority*

"CORRESPONDENCE TRACKING"

TYPE: INFORMATION

DOCUMENT NUMBER: 9120074

\*\*\*\*\*

FROM: GREEN, WAYNE

TO: SUNUNU

DATE OF  
CORRESPONDENCE: 01/09/91

SUBJECT: PERSONAL NOTE

\*\*\*\*\*

ASSIGNED TO: D. Allan Bromley

ACTION REQUIRED: NONE

\*\*\*\*\*

SENDER'S DUE DATE: 01/25/91

OSTP DUE DATE: 01/23/91

DATE COMPLETED: \_\_\_\_\_

\*\*\*\*\*

COPIES TO: D. Allan Bromley  
Ken Yale  
Damar Hawkins

\*\*\*\*\*

WHITE HOUSE TRACKING #: 201296

CONTACT PERSON: SALLY KELLEY

REMARKS:

DATE RECEIVED: 01/15/91

FILE: BROMLEY - CORRESPONDENCE

*White House Referral*  
*P- Pres. Priority*

T H E W H I T E H O U S E O F F I C E

REFERRAL

JANUARY 14, 1991

TO: OFFICE OF SCIENCE AND TECHNOLOGY POLICY  
ATTN: ALLAN BROMLEY

ACTION REQUESTED:  
INFORMATION COPY - NO ACTION NECESSARY

DESCRIPTION OF INCOMING:

ID: 201296  
MEDIA: LETTER, DATED DECEMBER 20, 1990  
TO: JOHN SUNUNU  
FROM: DR. WAYNE GREEN  
WGE PUBLISHING  
FOREST ROAD  
HANCOCK NH 03449

SUBJECT: PERSONAL NOTE

OFFICE OF THE  
DIRECTOR

91 JAN 16 P 1: 11

RECEIVED

PROMPT ACTION IS ESSENTIAL -- IF REQUIRED ACTION HAS NOT BEEN  
TAKEN WITHIN 9 WORKING DAYS OF RECEIPT, PLEASE TELEPHONE THE  
UNDERSIGNED AT 456-7486.

RETURN CORRESPONDENCE, WORKSHEET AND COPY OF RESPONSE  
(OR DRAFT) TO:  
AGENCY LIAISON, ROOM 91, THE WHITE HOUSE, 20500

SALLY KELLEY  
DIRECTOR OF AGENCY LIAISON  
PRESIDENTIAL CORRESPONDENCE

THE WHITE HOUSE  
CORRESPONDENCE TRACKING WORKSHEET

FG 006-03

INCOMING

DATE RECEIVED: DECEMBER 31, 1990

NAME OF CORRESPONDENT: DR. WAYNE GREEN

SUBJECT: PERSONAL NOTE

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

| ROUTE TO:<br>OFFICE/AGENCY (STAFF NAME)                                 | ACTION      |                  | DISPOSITION  |                             |
|-------------------------------------------------------------------------|-------------|------------------|--------------|-----------------------------|
|                                                                         | ACT<br>CODE | DATE<br>YY/MM/DD | TYPE<br>RESP | C COMPLETED<br>D YY/MM/DD   |
| JOHN SUNUNU<br><i>99 OSTP</i><br><i>Allan Bromley</i><br><i>ATTN: A</i> | ORG         | 90/12/31         | <i>JS</i>    | <i>A 91/01/09</i> <i>LJ</i> |
| REFERRAL NOTE: _____                                                    | <i>I</i>    | <i>91/01/14</i>  | <i>C</i>     | <i>1/1</i>                  |
| REFERRAL NOTE: _____                                                    | ---         | <i>/ /</i>       | ---          | <i>/ /</i>                  |
| REFERRAL NOTE: _____                                                    | ---         | <i>/ /</i>       | ---          | <i>/ /</i>                  |
| REFERRAL NOTE: _____                                                    | ---         | <i>/ /</i>       | ---          | <i>/ /</i>                  |
| REFERRAL NOTE: _____                                                    | ---         | <i>/ /</i>       | ---          | <i>/ /</i>                  |

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

ADDITIONAL CORRESPONDENTS: MEDIA:L INDIVIDUAL CODES: \_\_\_\_\_

CS MAIL USER CODES: (A) \_\_\_\_\_ (B) \_\_\_\_\_ (C) \_\_\_\_\_

- \*\*\*\*\*
- |                          |                      |                      |   |
|--------------------------|----------------------|----------------------|---|
| *ACTION CODES:           | *DISPOSITION         | *OUTGOING            | * |
| *                        | *                    | *CORRESPONDENCE:     | * |
| *A-APPROPRIATE ACTION    | *A-ANSWERED          | *TYPE RESP=INITIALS  | * |
| *C-COMMENT/RECOM         | *B-NON-SPEC-REFERRAL | * OF SIGNER          | * |
| *D-DRAFT RESPONSE        | *C-COMPLETED         | * CODE = A           | * |
| *F-FURNISH FACT SHEET    | *S-SUSPENDED         | *COMPLETED = DATE OF | * |
| *I-INFO COPY/NO ACT NEC* |                      | * OUTGOING           | * |
| *R-DIRECT REPLY W/COPY * |                      |                      | * |
| *S-FOR-SIGNATURE *       |                      |                      | * |
| *X-INTERIM REPLY *       |                      |                      | * |
- \*\*\*\*\*

REFER QUESTIONS AND ROUTING UPDATES TO CENTRAL REFERENCE  
(ROOM 75, OEOB) EXT-2590  
KEEP THIS WORKSHEET ATTACHED TO THE ORIGINAL INCOMING  
LETTER AT ALL TIMES AND SEND COMPLETED RECORD TO RECORDS  
MANAGEMENT.

THE WHITE HOUSE

WASHINGTON

January 9, 1991

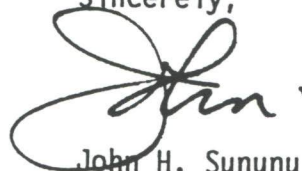
Dear Wayne,

You're right on target in your concern about the mischief that can be done in the "60 Hz EMF syndrome."

I sent a copy of your letter to Allan Bromley, the President's Science Advisor, and told him to give you a call if he wants to track down Ross Addey.

I hope you have a terrific 1991! Give my regards to all.

Sincerely,

A handwritten signature in black ink, appearing to read "John", with a large, stylized flourish extending upwards and to the left.

John H. Sununu  
Chief of Staff

P.S. I just read your letter on your education proposal. It sounds interesting. I'd be glad to look at a copy of it.

Dr. Wayne Green  
Hancock, New Hampshire 03449

\*\*\*\*\*  
 \* Dr. Wayne Green W2NSD/1                      Publisher                      \* CD Review - 73 Amateur Radio Today - Music/NH - Indie World \*  
 \* Wayne Green Enterprises                      Entrepreneur                      \* Music Retailing - Adventures In Music - Greener Pastures Records \*  
 \* Hancock, N.H. 0 3 4 4 9                      \* RPI Council/Overseer - Creative Music Marketing - Indie Info Inc \*  
 \* (603)525-4204(FAX:4423)                      \* ARRL - QCWA - NIAC News - NH Language Systems - Business Videos \*  
 \* Home:588-2105(FAX:3205)                      \* Out To Launch Inc - Mensa - CD Bank - MU\$IC - CD Yearbook \*  
 \*\*\*\*\*  
 \* "The reasonable man adapts himself to the world...the unreasonable one persists in trying to adapt the world to him- \*  
 \* self. Therefore, all progress depends on the unreasonable man."                      ...George Bernard Shaw \*  
 \*\*\*\*\*  
 \* Green's Business Laws: #1. The customer is not totally wrong all the time. #2. You CAN fool most of the people \*  
 \* most of the time. #3. You don't earn respect, you buy it. #4. Gratitude is the least felt of all human emotions. \*  
 \*\*\*\*\*

12/25/90

John Sununu  
White House

THE CHIEF of STAFF  
has seen

John.....

Having been following the magnetic field situation since the 1989 Brodeur article in The New Yorker, I'm hoping you are keeping on top of this situation. I expect you are. You seem to be on top of everything.

60 Hz magnetic fields are just another factor influencing our cells. We're pretty well engineered, with good internal repair systems developed over time to help us cope with chemical carcinogens. But cells are constantly being replaced and this process is where things can go wrong beyond fixability.

DNA replication is a chemical, electrical and magnetic process, so any of these three factors can be harmed by interference. I'm sure you've seen the reports on cell damage caused by even amazingly weak 60 Hz magnetic fields. I can give you a long list of scientific reports - got a thick file of 'em here.

The first step in making a public announcement would alert them that this is a known problem which scientists are studying and trying to solve. People will want to know what they can do right now. I suggest in my articles they stop using electric blankets. Mine had a 150 mG field when I checked it. It's back to wool blankets and comforters. Water bed heaters are bad news too...makes sick yuppies.


Just rewiring the blankets to reduce the 60 Hz field may not be enough. It appears that the thermostats switching transients cause trouble too, so even a DC blanket could still cause harm.

Congress should do something immediately to relieve power companies of this unexpected liability. If they don't we're going to see a repeat of the cigarette industry official blindness to their problems.

Then we can start getting pole transformers moved from near homes and reducing EM fields. The danger from video terminals needs to be explained, but that seems mostly of interest to people who work around an array of them, not desk workers with a PC.

Ross Addey, one of the pioneers in this field of research, is a ham and a friend of mine. If you have any technical questions I can put you in touch with him.

Right now the media are placing the responsibility for hushing this problem on the White House. Yes, I know you're busy wrestling with Congress, the media, Iraq, Russia coming apart, Syria, China and so on. Sounds like fun. Heard your talk at the Press Club the other day. Good talk.

Cheers,  


"CORRESPONDENCE TRACKING"

TYPE: Priority Presidential Corresponden DOCUMENT NUMBER: 9120028

\*\*\*\*\*

FROM: DR. THOMAS F. WALES

TO: MRS. BUSH

DATE OF  
CORRESPONDENCE: 01/07/91

SUBJECT: SCIENTIST CRITICIZES ON-AGAIN, OFF-AGAIN GOV'T  
RESEARCH POLICIES AND STRESSES THAT CONTINUED  
PLANNING IS REQUIRED TO MAINTAIN U.S. TECH "EDGE"

\*\*\*\*\*

ASSIGNED TO: Dr. Phillips

ACTION REQUIRED: DIRECT REPLY

\*\*\*\*\*

SENDER'S DUE DATE: 01/17/91 OSTP DUE DATE: 01/15/91

DATE COMPLETED: -----

\*\*\*\*\*

COPIES TO: D. Allan Bromley

\*\*\*\*\*

WHITE HOUSE TRACKING #: 202054 CONTACT PERSON: SALLY KELLEY

REMARKS:

OK  
WOP

DATE RECEIVED:

FILE:

THE WHITE HOUSE  
WASHINGTON

January 16, 1991

Dear Dr. Wales:

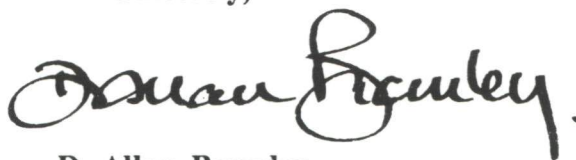
Thank you for your recent letter to Mrs. Bush expressing concern over our nation's utilization of its technical talent. The letter has been referred to me for reply.

I agree with you that we need to make maximum use of our technically-trained human resources. While the long-term trend in both U.S. private and public R&D spending has been upward, national priorities do change, and technology changes as well. There is no assurance that people will have lifetime employment working in a specific technical area. In fact, technical professionals will have to anticipate several job switches during their working careers. They also need continuing education in order to keep up with rapidly changing technology.

The Administration is committed to ensuring a quality workforce in this country, and making the best use of our technical talent is essential to remaining economically competitive. Unfortunately, being competitive as a nation also means that sometimes individuals have to adjust to employment circumstances that they may not have chosen willingly. I have enclosed a copy of our technology policy which will explain the private sector and government roles in more detail.

I appreciated reading your views on this matter and wish you the best of luck in your future endeavors.

Sincerely,



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

Dr. Thomas F. Wales  
1221 Banning Boulevard  
Wilmington, CA 90744

Enclosure

4/2000/28

T H E   W H I T E   H O U S E   O F F I C E

REFERRAL

JANUARY 7, 1991

TO: OFFICE OF SCIENCE AND TECHNOLOGY POLICY

ACTION REQUESTED:

DIRECT REPLY, FURNISH INFO COPY

DESCRIPTION OF INCOMING:

ID: 202054

MEDIA: LETTER, DATED DECEMBER 5, 1990

TO: MRS. BUSH

FROM: DR. THOMAS F. WALES  
1221 BANNING BOULEVARD  
WILMINGTON CA 90744

SUBJECT: SCIENTIST CRITICIZES ON - AGAIN, OFF - AGAIN  
GOVERNMENT RESEARCH POLICIES AND STRESSES  
THAT CONTINUED PLANNING IS REQUIRED TO  
MAINTAIN U.S. TECHNOLOGICAL "EDGE"

PROMPT ACTION IS ESSENTIAL -- IF REQUIRED ACTION HAS NOT BEEN  
TAKEN WITHIN 9 WORKING DAYS OF RECEIPT, PLEASE TELEPHONE THE  
UNDERSIGNED AT 456-7486.

RETURN CORRESPONDENCE, WORKSHEET AND COPY OF RESPONSE  
(OR DRAFT) TO:  
AGENCY LIAISON, ROOM 91, THE WHITE HOUSE, 20500

SALLY KELLEY  
DIRECTOR OF AGENCY LIAISON  
PRESIDENTIAL CORRESPONDENCE

ID # 202054  
AF

**WHITE HOUSE  
CORRESPONDENCE TRACKING WORKSHEET**

- O - OUTGOING
- H - INTERNAL
- I - INCOMING

Date Correspondence Received (YY/MM/DD) 90/12/10

Name of Correspondent:  Mr.  Mrs.  Miss  Ms. DR. THOMAS F. WALES

MI Mail Report      User Codes: (A) \_\_\_\_\_ (B) \_\_\_\_\_ (C) \_\_\_\_\_

Subject: SCIENTIST CRITICIZES GOVERNMENT RESEARCH POLICIES AND STRESSES THAT CONTINUED PLANNING IS REQUIRED TO MAINTAIN U.S. TECHNOLOGICAL "EDGE"

| ROUTE TO:     |                 | ACTION      | DISPOSITION               |                          |                             |
|---------------|-----------------|-------------|---------------------------|--------------------------|-----------------------------|
| Office/Agency | (Staff Name)    | Action Code | Tracking Date<br>YY/MM/DD | Type of Response<br>Code | Completion Date<br>YY/MM/DD |
|               | CoCoza          | ORIGINATOR  | 91 01<br>90/3/103         | W                        | 90/1/1                      |
|               | <del>OSTA</del> | R           | 91 01/107                 | W                        | 90/1/1                      |
|               |                 |             | 1/1                       |                          | 1/1                         |
|               |                 |             | 1/1                       |                          | 1/1                         |
|               |                 |             | 1/1                       |                          | 1/1                         |

**ACTION CODES:**  
 A - Appropriate Action  
 C - Comment/Recommendation  
 D - Draft Response  
 F - Furnish Fact Sheet  
     to be used as Enclosure

I - Info Copy Only/No Action Necessary  
 R - Direct Reply w/Copy  
 S - For Signature  
 X - Interim Reply

**DISPOSITION CODES:**  
 A - Answered  
 B - Non-Special Referral  
 C - Completed  
 S - Suspended

**FOR OUTGOING CORRESPONDENCE:**  
 Type of Response = Initials of Signer  
 Code = "A"  
 Completion Date = Date of Outgoing

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Keep this worksheet attached to the original incoming letter.  
 Send all routing updates to Central Reference (Room 75, OEOB).  
 Always return completed correspondence record to Central Files.  
 Refer questions about the correspondence tracking system to Central Reference, ext. 2590.

5 December 1990

Page 1 Of 2

From: Dr. Thomas F. Wales (Presidential Task Force 1181771)  
1221 Banning Blvd  
Wilmington California 90744

To: First Lady Barbara Bush  
The White House  
1600 Pennsylvania Avenue  
Washington D.C.

Dear First Lady:

I Hope You Will Take The Time To Read This. And Inform Our President Of Its Contents. Sometimes His Administrative 'Filtration' People Are Much Too Effective.

I Am A Scientist - I Hold A Bachelors In Physics (State University Of Iowa - 1956) And A Ph.D In Computer Science With Emphasis On Applied Mathematics (California Western University - 1975). During The Years 1972-1980 I Was One Of The Two Senior Mathematical Modelers At Rockwell Downey's Space Division - Working On The Space Shuttle (Flight Sim Lab.). During The 36 Years Of Our Marriage. My Wife And I Have Had 12 Children. (11 Are Still Surviving.)

Between 1956 And 1970 I Worked In Aerospace. Contrary To The Liberal Presses Propaganda Most Engineers Were Not Making 50000\$/Year During That Period. At The Time I Had Only A Bachelor's Degree And Was Making 'Top Dollar'. With A Salary Of 19000\$/Year. In 1970 The US Government 'Shot The Nation In The Foot' And A Huge Number Of Us Became Unemployed.

During 1970-1972 In Spite Of Vigorously Seeking Employment I DID NOT WORK. We Lost Our Home (Now Worth At Least 400K) And Everything We Had. After The 1st Year Of The Aerospace Depression The US Government Commissioned Arthur D. Little Inc To 'Find Out Why All Of Those Engineers Hadn't Found Jobs'. The Answer Was (And Any Of Us Could Have Told Them) PREJUDICE And Fear. After 2 Minutes Of An Interview. The Potential Employer Realized That The Interviewee Was Smart Enough To Master In 3 Weeks - What Had Taken The Potential Employer Years To Acquire. Such People Are 'Dangerous'!

It Took Me Until 5 Years After Reemployment In 1972 To Get My Income Back Up To It's Pre-Depression Level. During That Time We Were Trying To Raise A Large (And Very Gifted) Family. I Got My Ph.D In 1975 And Eventually My Salary Increased To A Good Contemporary Level. Many Technical People PERMANENTLY LEFT Aerospace As A Result Of That Serious Mistake. (One Guy I Knew Bought Into A Fishing Boat - Nothing Wrong With Fishing, But What A Wasted Talent!)

Too Be Brutally Frank. A Lot Of Us Will Never Ever Forgive The Personal Damage Done To Our Families By Those Disastrous Bad Decisions. Collectively, Even After Digging Ourselves Out Of A 10 Year Dent In Progress (Thanks To Reagan And Bush Wielding Shovels!) Congress Hasn't Learned A Thing.

Now It's 20 Years Later. And They're Doing It Again. Once Again I Find Myself Unemployed (Since October 12) - This Time With My Mortgage Within 6K Of Being Paid Off! (Thank You Very Much Democrats!) We Face Another Massive Dent In Our Nations Productive Technical Capacity - Which We Cannot Afford (Consider Foreign Competition). For This Reason I Am Unable To Continue My Contributions To Lifetime Task Force Membership (Sorry!).


In My View: One Of The Major Problems In The Defense Industry Is The 'Beaureaucratic Bean Counter' Assumption That All Work Is Of The 'Cut And Dried' Variety. During My Days As A Consultant Paid To DEVELOP Solutions, We Would Multiply Estimated Man Hours By 1.4 As The Estimate Supplied The Client. Most Of The Time We Would Complete The Job At Around The 1.0 Mark - Producing Very Satisfied Clients! The 1.4 Was There Because Of The Unexpected: Once In A While An Unforseeable Set Of Technical Difficulties Can DOUBLE Costs. Incidentally The '2167A' Standards For Software Development Reflect This 'Bean Counter' Mentality To A 'T' ! They Are The Product Of Those Incapable Of What Is Termed Creative (Not Merely Productive) Mental Activity.

Well. I Know That Present International Affairs Preoccupy The President. (My Personal Thanks For The Two Of You Recently Visiting The Middle East!) If You Think That This Letter Merits Your Doing So. I Would Personally Appreciate Your Bringing Its Contents To President Bush's Attention.

I Genuinely Believe That Timely Action In This Matter Will Forestall A Major Future Disaster. If Possible. USA Needs A Strong Injection Of Long Term Technical Planning. Scientists And Technological People Require Continual Work To Maintain The Nation's 'Edge'. Intelligent Decisions Must Be Based On Real Knowledge-Not On Congressional Whim.

Thank You For Taking The Time To Read This.

Best Regards To Yourself. The President.  
And Your Entire Family! Have A Merry Christmas!

  
Dr. Thomas F. Wales  
1221 Banning Boulevard  
Wilmington California 90744

A Quotation From Swami 'Radhakrishnan Horshidpur':

'In The Midst Of All The Chiefs And Indians Horse-Puckey...  
It Is Always Necessary To Have A Few People Around To  
Do The Actual Work!!!'

(The Delegation Of Technical Decisions To Those Who Merely  
Play Golf With The Boss Is NOT A Good Idea!)

Techno-Scientific People Are Obnoxious - They Frequently  
Tell You What You Need To Know - Rather Than What You Want  
To Hear!

Consider A Building Containing 1000 Engineers 'Working  
On A Project'. The Actual Number Contributing To The Project  
Is No More Than 100. The 900 Others Draw Graphs, Say 'Yes  
Sir', Mill Around, And 'Manage' (Sometimes Spelled 'Mangle')  
Things. Usually (Due To 'Politics' In The Office) - The  
Management Has Utterly No Idea That 10% Of The Staff Are  
Doing 90% Of The Work!

Technical Work ISN'T Like Chopping Cotton. The Linear Type  
Thinking Of 'Twice As Much Work. Hire Twice The Number  
Of People!' DOES NOT WORK. WHAT DOES WORK IS FINDING OUT  
HOW TO IDENTIFY THE 10% - Then (Possibly) Dropping A Non  
Productive 10% From The Staff - And Hiring Another 10%  
Of The GOOD GUYS.

As A Ph.D I Hate To Admit This, But ....

There Is Relatively Little Correlation Between Degree Level  
And Either Intelligence Level OR Competancy. There Are  
B.A.'s Out There With Ph.D Level Knowledge Gained By Their  
Pure Practical Experience. One Can Identify The Most  
Competant Engineers Very Simply. Given A Technical Degree.  
Viz: Basic Core Knowledge:

- (1) Has The Persons Salary Steadily Increased At The  
Rate Of 100\$/Month/Year During The 1st 5-6 Years  
Of His/Her Professional Life?
- (2) Who Is Always Being 'Run To' For Help When Tough  
Problems Arise?

Cutbacks Are Generally Made By 'Bean Counters' Who Think  
The Firm Is 'Their Daddy'. These People Are Generally  
Shattered When Other 'Bean Counters' 'Lay Them Off'! Here  
Is How These Folks 'Think' Regarding Layoffs:

We Are Having Cutbacks. Individual 'A' Is Making 36K/Yr.  
And Individual 'B' Is Making 55K/Yr. THEREFORE (Notice  
That This Isn't Even A Syllogism!!!!!!) Individual 'B'

Is 'Costing' The Company 52% More Than 'A' Is - So I'll Lay Him Off!

- Rebuttal:** (1) If We Count In Fringe Benefits We See That Individual 'B' is ACTUALLY Costing The Firm About 1.3 What Individual 'A' Is. Not 1.52.
- (2) Not Considered AT ALL: Individual 'B' Is Making More Because He Can Do Work That Individual 'A' Can't Possibly Do!

The Want Ads Are Full Of Ads For Junior And Entry Level People (Who Are 'Cheap' On A Per Employee Basis) Put There By Types Who Naively Believe That Two Lead Bricks Are Worth One Gold Ingot - Because They Balance One Another On A Scales! In Fact, The Lead Bricks Are Only Ballast - And Too Many Will Sink The Ship!

**Simple Fact:** Getting Rid Of Ones Higher Level Technical Echelon Totally Cripples The Company's Capacity To Obtain New Contracts And Thereby Remain In Business!

Keeping The Non-Productive On The Payroll May Cost You In One Sector - But The Economy Is Temporally Equillibrated. And Money Circulates Back Via Taxes.

People In Techno-Scientific Professions Have A Marginal Propensity To Consume ('MPC') Of Nearly 1. This Makes The Keynesian Multiplier  $(1)/(1-MPC)$  HUGE. Anything Affecting These People Has An Economic Impact Hundreds Of Times As Large On The Economy As A Whole. It Happened Before During 1970-1972 Aerospace Depression - And Unless The Current Trend Is Reversed NOW - It Will Happen Again. A Large Number Of Energetic, Competant, And Valuable People Will Never Trust Their Government Again. Perhaps Congress Thinks That Everyone's Memories Are As Short As Theirs.