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Collection/Office of Origin: Science and Technology Policy, Office of (OSTP)
Series: Bromley, D. Allan, Files
Subseries: General Science Files

OA/ID Number: 62044
Folder ID Number: 62044-002

Folder Title:
Physical Science: Geophysics [2 of 2] [1991]

Stack:

Row:

Section:

Shelf:

Position:

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"CORRESPONDENCE TRACKING"

TYPE: ACTION

DOCUMENT NUMBER: 9120710

FROM: WRIGHT, C.S., R.H. CLARK, D.F. FYFE, and K.J. LYNN

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 02/19/91

SUBJECT: RELOCATION OF THE GEOPHYSICS LABORATORY PRESENTLY AT
HANSCOM, AFB.

ASSIGNED TO: Dr. Wong

ACTION REQUIRED: AS NECESSARY

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED: 12/20/91

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

CLOSED

DATE RECEIVED: 03/11/91

FILE: b. GEOPHYSICS Pres

9120710

RECEIVED

Reference: CSW 01/91
Contact: C. Wright
Telephone: (08) 259 6406

91 MAR 11 AM 11:43

RWP/CD,
Electronics Research Laboratory,
Defence Science and Technology Organisation,
P O Box 1600, Salisbury,
South Australia 5108

OFFICE OF THE
DIRECTOR

19 February 1991

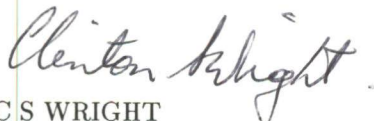
Dr D. Allan Bromley
Assistant to the President for Science and Technology
Office of Science and Technology Policy - Room 360
Old Executive Office Building
17th Street and Pennsylvania Ave., NW
Washington, D.C. 20506
USA.

Dear Dr Bromley,

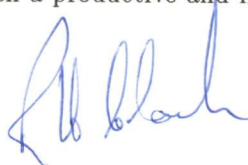
We are writing to express our concern over the proposal by the US Air Force to transfer the Geophysics Laboratory from Hanscom AFB, Massachusetts, to Albuquerque, New Mexico, and to merge it with the new Phillips Laboratory.

The Geophysics Laboratory is recognized throughout the world for the excellence of its research into the interconnected geophysical and solar-interplanetary environments. We believe that the high standard and productivity of the Geophysics Laboratory is due largely to its interdisciplinary thrust. In transferring to Albuquerque we are concerned that the laboratory will be fragmented because many staff will be unable to relocate. Disciplinary strengths will be weakened, or lost entirely. Long established ties and productive collaboration with co-located bodies, as well as international institutions, will be broken. Furthermore, and most importantly, we understand from discussions with colleagues at GL that the research program may, as a result, become narrowly focused, and therefore less able to adequately address the environment, not only in the context of Air Force operations, but in the context of the long-term well-being of humanity in general.

We have been informed that the US Air Force Scientific Advisory Board has recommended that the Geophysics Laboratory should become a "corporate-type" laboratory at Hanscom AFB, with funding and management separate from the Phillips Laboratory, and with both the long-term and short-term environmental research requirements of the Air Force reflected in its charter. This would seem to be an excellent way of preserving the reservoir of expertise whilst reliably addressing the operational requirements of the Air Force. We therefore respectfully urge you to do all within your power to ensure that this option is considered as an alternative to the dismantling or relocation of such a productive and internationally acclaimed research institution.



C S WRIGHT
Senior Research Scientist



R H CLARKE
Principal Research Scientist



D FEFPE
Principal Research Scientist



K J W LYNN
Principal Research Scientist

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

December 20, 1991

Dear Gentlemen:

I am writing in response to your letter to Dr. Bromley, in which you express concern about the potential relocation of the Air Force Geophysics Laboratory from Massachusetts to New Mexico. It is my understanding that the final decision on this matter has not yet been made. However, in making that decision the Air Force must necessarily take into account a variety of factors, including the ones you mentioned in your letter. The final outcome will certainly be influenced by the need to retain scientific excellence at the Laboratory.

You interest in the Air Force's geophysics program is greatly appreciated.

Sincerely yours,



Karl A. Erb
Acting Associate Director
for Physical Sciences and Engineering

*I am sorry our
reply is so tardy*

C.S. Wright
R.H. Clarke
D.F. Fyfe
K.J.W. Lynn
Electronics Research Laboratory
Defence Science and Technology Organisation
P.O. Box 1600, Salisbury
South Australia 5108

"CORRESPONDENCE TRACKING"

TYPE: INFORMATION

DOCUMENT NUMBER: 9120674

FROM: BLOCK, Lars: THE ROYAL INSTITUTE OF TECHNOLOGY

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 02/20/91

SUBJECT: LETTER TO THE HONORABLE DONALD H. RICE CONCERNING
THE RELOCATION OF THE GEOPHYSICS LABORATORY
PRESENTLY AT HANSCOM, AFB.

ASSIGNED TO:

ACTION REQUIRED:

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED:

COPIES TO: Dr. Wong
D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

DATE RECEIVED: 03/07/91

FILE: GEOPHYSICS

p-Physical Sciences -



KUNGLIGA TEKNISKA HÖGSKOLAN
THE ROYAL INSTITUTE OF TECHNOLOGY

9120474

RECEIVED

The Alfvén Laboratory
Department of Plasma Physics
Prof. Lars P. Block

91 MAR 7 P 4: 50

OFFICE OF THE
DIRECTOR

February 20, 1991

Dr. D. Allan Bromley
Assistant to the President for Science and
Technology
Office of Science and Technology Policy -
Room 360
Old Executive Office Building
17th Street and Pennsylvania Ave., NW
Washington, D.C. 20506

Dear Dr Bromley:

Enclosed, please find a copy of a letter to the Secretary of the Air Force, Honorable Donald B. Rice, from myself and my colleague, Prof C.-G. Fälthammar. Thank you in advance for your attention to the important issue addressed in our letter.

Respectfully yours,

Lars Block

Lars Block

Postal address	Street address	Telephone	Electronic mail	Telex	Telefax
The Royal Institute of Technology	Teknikringen 33	+46 8 790 7694	block@plasma.kth.se	17021 plasma s	+46 8 245431
The Alfvén Laboratory	Stockholm	or (secr.) 7686	SPAN: esrin2::plafys::block		
Department of Plasma Physics					
S-100 44 STOCKHOLM					
Sweden					



KUNGLIGA TEKNISKA HÖGSKOLAN
THE ROYAL INSTITUTE OF TECHNOLOGY

The Alfvén Laboratory
Department of Plasma Physics

February 19, 1991

Honorable Donald B. Rice
Secretary of the Air Force
The Pentagon
Washington, D.C., 20330-1000

Dear Secretary Rice:

We have been informed that the Air Force is considering transfer of the Geophysics Laboratory, presently located at Hanscom, AFB, Massachusetts, to the newly established Phillips Laboratory at Albuquerque, New Mexico. This shocked us because we feel that it will seriously affect our collaboration with some very competent scientists of the Geophysics Laboratory. We are involved in the Swedish Viking satellite, one of us (LB) as Principal Investigator for the Electric Field Experiment. Viking data have been, and are still being used in our cooperative research projects, together with data from the DMSP satellites, operated by GL, and the GL Airborne Ionospheric Observatory. Our collaboration started back in 1983. Highly competent scientists of the Center for Electromagnetics Research (including its director, Professor M. B. Silevitch) at Northeastern University are also engaged in our joint work. From our point of view, this cooperation has been very rewarding and successful, and we know that this feeling is reciprocal. All of the key scientists at GL, with whom we cooperate, have told us that they will leave GL, should the planned move to New Mexico be implemented. The direct benefits to GL of our engagement would then be lost, for whatever worth it may have.

The Geophysics Laboratory is a world-class center of excellence for geophysical research. Its research efforts range from the solid earth to the sun's surface. You are surely aware of the fact, that the earth's environment is very complex and fragile. It is extremely important that this research continue for understanding the complicated and significant interaction between the environment and human activities, both military and civilian. The proposed move would certainly impair the laboratory's productivity and corporate memory very seriously since a large number of key scientists will be unable to relocate. The laboratory's mission would then become narrowly focused and the present strong interaction between the GL staff and many renowned universities would be greatly diminished. It could take many years for the relocated laboratory to regain its present level of expertise. We believe that this excellent resource should not be dismantled or moved.

We therefore urge you to reconsider the proposed move and allow the Geophysics Laboratory to stay at Hanscom or at least in the greater Boston area, thus making it possible for most key personell to remain associated with the laboratory. Due to our lack of knowledge, it would be preposterous of us to propose a new organizational scheme that would make this possible. However, we have been informed by our associates at GL that a corporate laboratory directly reporting to higher levels within the Air Force should be a constructive solution. We are unable to judge its merits,

Postal address	Street address	Telephone	Electronic mail	Telex	Telefax
The Royal Institute of Technology	Teknikringen 33	+46 8 790 7694	block@plasma.kth.se	17021 plasma s	+46 8 245431
The Alfvén Laboratory	Stockholm	or (secr.) 7686	SPAN: esrin2::plafys::block		
Department of Plasma Physics					
S-100 44 STOCKHOLM					
Sweden					

but we trust your expertise in this important matter.

Respectfully yours,



Lars Block



Carl-Gunne Fälthammar

cc: Dr D. Allan Bromley, Office of Science and Technology Policy

"CORRESPONDENCE TRACKING"

TYPE: ACTION

DOCUMENT NUMBER: 9120517

FROM: KUNDU, Mukul R.: UNIVERSITY OF MARYLAND

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 02/19/91

SUBJECT: RELOCATION OF THE GEOPHYSICS LABORATORY PRESENTLY AT
HANSCom AFB.

ASSIGNED TO: Dr. Wong

ACTION REQUIRED: AS NECESSARY

SENDER'S DUE DATE:

OSTP DUE DATE: 03/17/91

DATE COMPLETED:

12/20/91

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

CLOSED

DATE RECEIVED: 02/25/91

FILE: b- GEOPHYSICS

Presidential

9120517

RECEIVED



91 FEB 25 P 3:06

UNIVERSITY OF MARYLAND AT COLLEGE PARK

ASTRONOMY PROGRAM

OFFICE OF THE
DIRECTOR

February 19, 1991

Dr. D. Allan Bromley
Assistant to the President for Science and Technology
Office of Science and Technology Policy — Room 360
Old Executive Office Building
17th Street and Pennsylvania Avenue, N.W.
Washington, D. C. 20506

Dear Dr. Bromley:

I understand that the Air Force is considering the transfer of the Geophysics Laboratory, which is presently located at Hanscom AFB, Massachusetts, to the newly established Phillips Laboratory at Albuquerque, New Mexico. The Geophysics Laboratory is a world-class center of excellence for geophysical research. The scope of its research efforts ranges from the solid earth to the sun's surface. The earth's environment, as I am sure you are aware, is very complex. It is important that this environmental research continue not only for understanding the significant impact that the environment has on military operations, but also for its obvious impact on the general health and well-being of the human race. From discussions with my associates at the Geophysics Laboratory I understand that the proposed move could seriously hurt the laboratory's productivity and corporate memory due to a large number of key scientists being unable to relocate. Since the laboratory's scope would then become much narrower, the presently existing strong interaction between the GL staff and nationally renowned universities would be greatly diminished. It would take many years for the relocated laboratory to regain its present level of expertise. I believe that this national resource should not be dismantled or moved.

I urge you to consider the broader mission of the Geophysics Labaoratory in the context of national interest. As shown by an official technology transfer study, GL supports a wide range of organizations extending beyond the immediate mission of the Phillips Laboratory which has narrowly defined its operational goals. There is a real danger here that the long-term goal of understanding the environment will be sacrificed for short-term operational objectives. When the short-term goals change, the expertise gained from long-term research will not exist for application to a new set of operational problems.

In recognition of the broader customer base and mission of the Geophysics Laboratory I would like to add my voice to that of the Air Force Scientific Advisory Board and recommend that the Geophysics Laboratory be established as a corporate-type Laboratory at Hanscom AFB. That is, its funding and management should be separated from that of the Phillips Laboratory and its goals defined in terms of the longer-term environmental requirements of the Air Force as well as the shorter-term needs of the product divisions. In this way, the Laboratory's expertise can be maintained and the operational needs of the Air Force better served.

Yours sincerely,



Mukul R. Kundu
Professor of Astronomy

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

December 20, 1991

Dear Professor Kundu:

I am writing in response to your letter to Dr. Bromley, in which you express concern about the potential relocation of the Air Force Geophysics Laboratory from Massachusetts to New Mexico. It is my understanding that the final decision on this matter has not yet been made. However, in making that decision the Air Force must necessarily take into account a variety of factors, including the ones you mentioned in your letter. The final outcome will certainly be influenced by the need to retain scientific excellence at the Laboratory.

You interest in the Air Force's geophysics program is greatly appreciated.

Sincerely yours,



Karl A. Erb
Acting Associate Director
for Physical Sciences and Engineering

*I am sorry our
reply is so tardy.*

Professor Mukul R. Kundu
Astronomy Department
University of Maryland
College Park, Maryland 20742-2421

"CORRESPONDENCE TRACKING"

TYPE: INFORMATION

DOCUMENT NUMBER: 9120483

FROM: WU, Francis T.: DEPARTMENT OF GEOLOGICAL SCIENCES AND
ENVIRONMENTAL STUDIES

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 02/17/91

SUBJECT: LETTER TO THE HONORABLE DONALD RICE CONCERNING THE
RELOCATION OF THE GEOPHYSICS LABORATORY PRESENTLY AT
HANSCOM AFB.

ASSIGNED TO:

ACTION REQUIRED:

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED:

COPIES TO: Dr. Wong
D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

DATE RECEIVED: 02/21/91

FILE: GEOPHYSICS

p-physical Sciences -

9120483

RECEIVED

91 FEB 21 P 5:03
Department of Geological Sciences
and Environment Studies
State University of New York
Binghamton, New York 13902-6000
Tel: (607) 777-2512
fax: (607) 777-2288

February 17, 1991

Dr. D. Allan Bromley
Assistant to the President for Science and Technology
Office of Science and Technology Policy - Room 360
Old Executive Office Building
17th Street and Pennsylvania Ave, NW
Washington, D.C. 20506

Dear Secretary Rice:

I learned to my surprise that the Air Force is considering the transfer of the Geophysics Laboratory, now at Hanscom AFB, Massachusetts, to Albuquerque, New Mexico to merge with the new Phillips Laboratory. The reputation of the Geophysics Laboratory in the scientific world is well established. For myself, I have known the Lab and its excellent work first in early 1960's through Dr. Normal Haskell, then through collaboration with Dr. Ker Thomson and now with several others in seismology. I have always considered it a part of the elite scientific establishment of northeastern United States. The symbiosis between the Lab and the academic institutions in the area is well established. If the Lab were moved to Albuquerque, New Mexico, these valuable links would certainly be lost and its reestablishment, if possible, will take many years. At this juncture in our Nation's history, when the need of science and technology is most urgent, every effort should be made to preserve such a fine facility.

Since the Geophysical Lab appears to be a broad-based laboratory, it does not seem to fit what I know of the missions of the Phillips Laboratory. I certainly agree with the recommendation of the Air Force Scientific Advisory Board that the Geophysics Lab be established as a corporate-type Laboratory at Hanscom AFB. It will then be able to function most usefully in providing needed scientific and technological assistance to the Air Force.

Sincerely yours,

Francis T. Wu

Francis T. Wu
Chair and
Professor of Geophysics

"CORRESPONDENCE TRACKING"

TYPE: ACTION

DOCUMENT NUMBER: 9120450

FROM: SKEHAN, JAMES W. (BOSTON COLLEGE)

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 02/12/91

SUBJECT: RELOCATION OF THE GEOPHYSICS LABORATORY PRESENTLY AT
HANSCOM, MA.

ASSIGNED TO: Dr. Wong

ACTION REQUIRED:

SENDER'S DUE DATE:

OSTP DUE DATE: /

DATE COMPLETED:

12/20/91

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

CLOSED

DATE RECEIVED: 02/19/91

FILE: B-GEOPHYSICS

Pres

9120450

BOSTON COLLEGE

WESTON, MASSACHUSETTS 02193

(617)899-0950

RECEIVED

ADDRESS ALL REPLIES TO:
WESTON OBSERVATORY
DEPT. OF GEOLOGY & GEOPHYSICS
381 CONCORD RD., WESTON, MA 02193

91 FEB 19 AM: 27

February 12, 1991

OFFICE OF THE
DIRECTOR

Dr. D. Allan Bromley
Assistant to the President for Science and Technology
Office of Science and Technology Policy-Room 360
Old Executive Office Building
17th Street and Pennsylvania Avenue NW
Washington, D.C., 20506

Dear Doctor Bromley,

I wish to express my concerns to you personally about the proposed consolidation of the Geophysics Laboratory (GL), located at Hanscom AFB, into the Phillips Laboratory at Kirtland AFB in New Mexico. I write to you in my role as a geoscientist and as Director of Boston College's Weston Observatory located six miles from Hanscom. For many decades the GL has been recognized as a center for very high quality geophysical research, that has provided a level of scientific and technical expertise that is found in no other Air Force laboratories, as far as I am aware. I speak from first hand experience as I, my staff, and my predecessors, at least as far back as the 1940s have had an active ongoing working relationship with these Air Force geophysicists, including some of our geophysics alumni.

My first concern is that this proposed move from the Greater Boston area would transfer the geophysics program away from a part of the country where a great deal of high quality geophysics research is ongoing at a number of prestigious universities and research centers. The research stimulus that comes from the availability of peers with whom one can discuss scientific problems is much valued by geoscientists. Many of us take advantage of lectures on state of the art research at local institutions including the fine program of speakers at Hanscom. Many qualified scientists would be reluctant to be based in a location such as Albuquerque by reason of the lack of such a stimulating research environment as that in the Northeast.

What I have stated above relates to the academic credibility of the Air Force and of the Department of Defense generally. To locate

the GL, that now enjoys the reputation of being an independent and objective arm of scientific research in the Air Force, with the Weapons Laboratory in the Space Systems Division, will surely break down the credibility that many authentic scientists have labored for decades to build up. The GL is one laboratory to which the Department of Defense can point with pride. You need such laboratories, and Hanscom located amid the strong academic institutions near Boston provides both the environment and the support for quality research.

As an educator scientist I have seen the erosion of the ability of the United States to compete technologically, scientifically and economically with other countries. The proposed move of the GL, would in my view be another in a long series of decisions that adversely affects our scientific competitiveness because students are sensitive to attitudes and actions of government in their career choices. Over the past 50 years we in Boston College's Department of Geology and Geophysics, including Weston Observatory, have successfully encouraged students to seek careers at Hanscom GL. The proposed redirection of the GL in the proposed move would send the wrong message to faculty and students alike. Students who are attracted to science want to know that they will be engaged in authentically serious and honest investigation, and so do we their professors. I believe that if you were to seek the advice of your predecessor, Frank Press, an illustrious geophysicist colleague and friend, he would agree with my assessment of this situation and my recommendation.

I hope that you will weigh seriously the short term budgetary gains that such a move from Hanscom to New Mexico might bring against the losses to the long-term scientific and educational benefits. I urge you to support the sound proposal made by the Air Force Scientific Board to make the GL a Corporate Laboratory at Hanscom Air Force Base.

Cordially

James W. Skehan, S.J.

James W. Skehan, S.J.
Director and Professor

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

December 20, 1991

Dear Professor Skehan:

I am writing in response to your letter to Dr. Bromley, in which you express concern about the potential relocation of the Air Force Geophysics Laboratory from Massachusetts to New Mexico. It is my understanding that the final decision on this matter has not yet been made. However, in making that decision the Air Force must necessarily take into account a variety of factors, including the ones you mentioned in your letter. The final outcome will certainly be influenced by the need to retain scientific excellence at the Laboratory.

You interest in the Air Force's geophysics program is greatly appreciated.

Sincerely yours,



Karl A. Erb
Acting Associate Director
for Physical Sciences and Engineering

*I am sorry our reply
is so tardy.*

Professor James W. Skehan, S.J.
Director
Weston Observatory
Boston College
381 Concord Road
Weston, Massachusetts 02193

"CORRESPONDENCE TRACKING"

TYPE: ACTION

DOCUMENT NUMBER: 9120421

FROM: KELLEY, MICHAEL C.

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 02/12/91

SUBJECT: RELOCATION OF THE AIR FORCE GEOPHYSICS LABORATORY
PRESENTLY AT HANSCOM, MA.

ASSIGNED TO: Dr. Wong

ACTION REQUIRED: AS NECESSARY

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED: 12/20/91

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

CLOSED

DATE RECEIVED: 02/15/91

FILE: B GEOPHYSICS

Pres



Cornell University
School of Electrical Engineering

912 0421
Engineering and Theory Center Building
Ithaca, NY 14853-3801
FAX: 607-255-9072

RECEIVED

91 FEB 15 A10:30

318 E & TC

OFFICE OF THE
DIRECTOR

February 12, 1991

Dr. D. Allan Bromley
Assistant to the President for Science and Technology
Office of Science and Technology Policy, Room 360
Old Executive Office Building
17th Street and Pennsylvania Avenue, NW
Washington, D.C. 20506

Dear Sir:

I hope that a decision to relocate the Air Force Geophysics Laboratory to Albuquerque has not been finalized. I have worked closely with AFGL scientists for twenty years and feel strongly that such a move would significantly decrease their productivity. This is primarily due to the excellent interaction between the AFGL and numerous universities and Space-based industries in the Boston area and the northeast in general. I am afraid that a move to New Mexico would in a few years reduce the scientific base for Air Force endeavors in Space and Atmospheric disciplines.

Sincerely,

Michael C. Kelley

Michael C. Kelley
Professor of Electrical Engineering

MCK/lss

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

December 20, 1991

Dear Professor Kelley:

I am writing in response to your letter to Dr. Bromley, in which you express concern about the potential relocation of the Air Force Geophysics Laboratory from Massachusetts to New Mexico. It is my understanding that the final decision on this matter has not yet been made. However, in making that decision the Air Force must necessarily take into account a variety of factors, including the ones you mentioned in your letter. The final outcome will certainly be influenced by the need to retain scientific excellence at the Laboratory.

You interest in the Air Force's geophysics program is greatly appreciated.

Sincerely yours,



Karl A. Erb
Acting Associate Director
for Physical Sciences and Engineering

*I am sorry our reply
is so tardy.*

Professor Michael C. Kelley
School of Electrical Engineering
Cornell University
Ithaca, New York 14853-3801

"CORRESPONDENCE TRACKING"

TYPE: ACTION

DOCUMENT NUMBER: 9120447

FROM: CHUPP, EDWARD L.

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 02/12/91

SUBJECT: RELOCATION OF THE GEOPHYSICS LABORATORY PRESENTLY AT
HANSCom AFB.

ASSIGNED TO: Dr. Wong

ACTION REQUIRED: FOR DAB SIGNATURE

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED: 12/20/91

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

CLOSED

DATE RECEIVED: 02/19/91

FILE: 3-GEOPHYSICS

Pres

UNIVERSITY OF NEW HAMPSHIRE

Physics Department and
Gamma-Ray Astronomy Group
Space Science Center
Institute for the Study of
Earth, Oceans and Space (EOS)

91 20447
RECEIVED
Durham, New Hampshire 03824
Telephone No. [603] 862-2750
Telex No. 6503917235(6503917235MCI UW)
Telefax No. [603] 862-2755
91 FEB 19 AM: 27

February 12, 1991

OFFICE OF THE
DIRECTOR

Dr. D. Allan Bromley
Assistant to the President
for Science and Technology
Room 360
Old Executive Office Building
17th Street and Pennsylvania Ave., NW
Washington D. C.

Dear Dr. Bromley

I have recently learned that the Air Force is actively planning the transfer of the Geophysics Laboratory, which has been located at Hanscom, AFB, Massachusetts for a number of years, to a newly established Air Force Laboratory, the Phillips Laboratory, at Albuquerque, New Mexico. This decision is very difficult to understand since it will seriously disrupt, if not destroy, the important scientific work the civilian scientists at the Geophysics Laboratory have been performing for a number of years.

This impending decision has the appearance of an irrational act and is similar to the action the Air Force took a few years ago when it destroyed an operational scientific satellite, P78-1, which was collecting extremely valuable solar data. In the interest of science and rationality, I hope you will be able to review this matter at your earliest convenience. I have written to Secretary Rice and have described to him the reasons for which I believe that carrying through the planned relocation of the Geophysics Laboratory would be a serious mistake. I would like to repeat these arguments here for your consideration.

First, the relocation of this laboratory will have a major impact on the solar-terrestrial and geophysics research communities in general. As an Astrophysicist I have worked with several scientists at the Geophysics Laboratory and can testify that its civilian scientists are leaders in a world-class center of excellence for geophysical research. The scope of its research efforts reach from the solid earth to the sun's surface. We know that the earth's environment is very complex and fragile and it is extremely important that the environmental research performed by this laboratory continue not only for understanding the significant impact that the environment has on military operations, but also for its obvious impact on the general health and well-being of the human race. Based on discussions with my associates at the Laboratory it is clear that the proposed move will seriously impair the laboratory's productivity and make inaccessible a large part of its historical data base since a large number of key scientists will be unable to relocate from Massachusetts to New Mexico. Since the laboratory's mission would then become narrowly focused, the present strong interaction between the existing research staff and nationally renowned universities would be greatly diminished. It is doubtful that the relocated laboratory would ever regain its present level of expertise. I strongly urge that this national resource not be dismantled or moved.

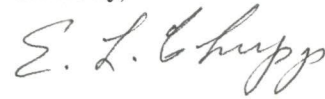
Please also consider the broader mission of the Geophysics Laboratory and its relationship to the national interest. As shown by an official technology transfer study, the laboratory supports a wide range of organizations whose work extends beyond the immediate mission of the Phillips Laboratory which has narrowly defined operational goals. There is a real danger here that the long-term goal of understanding the environment will be sacrificed for short-term operational objectives. When the short-term goals change, the expertise gained from long-term research will not exist for application to a new set of operational problems.

I recognize that there may be operational needs that suggest that relocating the laboratory may be more efficient and cost effective but I submit that attempting to relocate a productive group of civilian scientists who are serving our country in an Air Force Laboratory is not a sound logistical decision!

In recognition of the broader customer base and mission of the Geophysics Laboratory I would like to add my voice to that of the Air Force Scientific Advisory Board and also recommend that the Geophysics Laboratory be established as a corporate-type Laboratory at Hanscom AFB. That is, its funding and management should be separated from that of the Phillips Laboratory and its goals defined in terms of the longer-term environmental requirements of the Air Force as well as the shorter-term needs of the product divisions. In this way, the Laboratory's expertise can be maintained and the operational needs of the Air Force better served.

Your consideration of this matter is greatly appreciated.

Sincerely,

A handwritten signature in cursive script, reading "E. L. Chupp".

Edward L. Chupp
Professor of Physics

/mmc

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

December 20, 1991

Dear Professor Chupp:

I am writing in response to your letter to Dr. Bromley, in which you express concern about the potential relocation of the Air Force Geophysics Laboratory from Massachusetts to New Mexico. It is my understanding that the final decision on this matter has not yet been made. However, in making that decision the Air Force must necessarily take into account a variety of factors, including the ones you mentioned in your letter. The final outcome will certainly be influenced by the need to retain scientific excellence at the Laboratory.

You interest in the Air Force's geophysics program is greatly appreciated.

Sincerely yours,



Karl A. Erb
Acting Associate Director
for Physical Sciences and Engineering

*I am sorry our reply is
so handy.*

Professor Edward L. Chupp
Physics Department and Gamma-Ray Astronomy Group
University of New Hampshire
Durham, New Hampshire 03824

"CORRESPONDENCE TRACKING"

TYPE: ACTION

DOCUMENT NUMBER: 9120449

FROM: ALLEN, JOE H. *-(no address)*

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 02/10/91

SUBJECT: RELOCATION OF THE GEOPHYSICS LABORATORY PRESENTLY AT
HANSCOM, MA.

ASSIGNED TO: **Dr. Wong**

ACTION REQUIRED:

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED: -----

COPIES TO:

D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

CLOSED

DATE RECEIVED: 02/19/91

FILE: *f*- GEOPHYSICS

Mary- 2/20
If you have an
address for this
guy, we can respond;
otherwise - he's down
the tubes! So

9120449

February 10, 1991

Dr. D. Allan Bromley
Assistant to the President for Science and Technology
Office of Science and Technology Policy - Room 360
Old Executive Office Building
17th St and Pennsylvania Avenue, NW
Washington, DC 20506

RECEIVED

91 FEB 19 AM : 27

OFFICE OF THE
DIRECTOR

Dear Dr. Bromley:

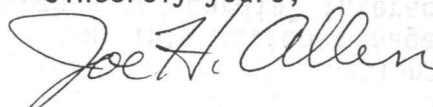
I am writing to you and others to express concern that the Air Force Geophysics Laboratory (AFGL) may lose its independent status; that it is facing imminent relocation to Albuquerque which will result in the separation of many senior scientific staff with great loss of expertise; and that it will have its previously broad geophysics mission exchanged for a narrowly defined role supporting weapons and missiles. Hopefully, this rumor that is sweeping our scientific community is in error, or the decision can be reversed.

Over some 27 years as a professional scientist, I have worked mainly in fields comprising the discipline of Solar-Terrestrial Physics (STP), namely: Solar Physics, Interplanetary Physics, Magnetospheric Physics, Geomagnetism, Ionospheric Physics, and Cosmic Rays. At different stages my work involved instrument development, derivation of geomagnetic activity indices, conduct of international scientific programs, and massive database management. For the last 10 years, I have worked mainly in planning and administering national and international science programs involving data and information management. Over all these years, I have had frequent contacts and cordial interactions with many scientists from AFGL. We have worked together on committees of the National Academy of Sciences, professional bodies of the American Geophysical Union (AGU), and international counterparts on the ICSU Scientific Committee on Solar-Terrestrial Physics (SCOSTEP) and Committee on Space Research (COSPAR). Their expertise is a valuable resource for the Air Force and for our global STP discipline and many other fields of science.

The "Aerospace Environment" chart on my wall is a frequently studied composite of many different areas of AFGL expertise as is also the impressive "Handbook of Geophysics and the Space Environment" (1985 Edition) -- an even more essential resource as an encyclopedia of information from AFGL about our discipline. These are only two of many publications that testify to the broad range of AFGL expertise, along with the many papers published by their staff in refereed journals and proceedings. Another form of testimony about the influence of AFGL is the number of young Air Force men and women and students who worked there and went on to achieve prominence in their fields.

I do not know the scope of the charter of the new Phillips Laboratory at Albuquerque, but I have had interaction with Weapons Lab and other DOD/DOE staff at Albuquerque who are concerned with telecommunications and operational behaviour of satellites in orbit during disturbed environmental conditions. My distinct impression is that although these engineers do a fine job filling the narrowly constrained mission role they are assigned, their accomplishments are not really comparable with the scientific expertise of the AFGL staff. Please consider again keeping AFGL a "corporate" lab at Hanscom, AFB.

Sincerely yours,



Joe H. Allen

"CORRESPONDENCE TRACKING"

TYPE: ACTION

DOCUMENT NUMBER: 9120366

FROM: MONAN, J. DONALD (BOSTON COLLEGE)

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 02/08/91

SUBJECT: RELOCATION OF THE GEOPHYSICS LABORATORY AT HANSCOM
AFB.

ASSIGNED TO: Dr. Wong

ACTION REQUIRED: AS NECESSARY

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED:

12/20/91

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

CLOSED

DATE RECEIVED: 02/11/91

FILE: B. GEOPHYSICS (Pres)

9120366

RECEIVED

BOSTON COLLEGE

CHESTNUT HILL, MASSACHUSETTS 02167-3934

OFFICE OF THE PRESIDENT

91 FEB 11 P 2:38

OFFICE OF THE
DIRECTOR

February 8, 1991

Dr. D. Allan Bromley
Assistant to the President for Science and Technology
Office of Science and Technology Policy - Room 360
Old Executive Office Building
17th Street and Pennsylvania, N.W.
Washington, D.C. 20506

Dear Dr. Bromley:

This letter concerns the possible transfer of the Geophysics Laboratory at Hanscom Air Force Base in Massachusetts to Albuquerque, New Mexico, now under consideration by the Air Force. The Geophysics Laboratory is a distinguished government laboratory and for decades has been a major agency in the New England community.

The excellent staff of the Geophysics Laboratory thrives from extensive collaborations, consultations, and contractual relationships with many local people in industry and academia. The benefits from these professional interactions are greatly enhanced by the proximity of the Geophysics Laboratory to the institutions it depends upon. I believe that transfer of the Facility would seriously diminish the Air Force's ability to meet objectives that depend critically upon superior scientific and engineering knowledge, research and development. The unparalleled industrial high technology capability and the scientific and engineering capability of the local universities are a treasure of resources especially to the Air Force. Indeed, some fifty percent of the manpower at the Laboratory has earned undergraduate and/or graduate degrees from universities in greater Boston.

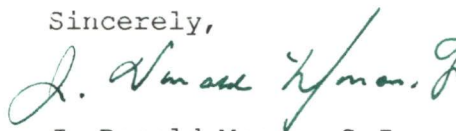
I urge that careful consideration be given to the thoughtful suggestions which I understand have been made to you that the Geophysics Laboratory be instituted as a corporate laboratory at its present site with a broad environmental purview which would be of direct value to the Air Force and the nation. The planned corporate entity would preserve the unique scientific capability of the Geophysics Laboratory staff and would enlarge the number of government offices served.

Dr. D. Allan Bromley
February 8, 1991

Page two

Moving the Geophysics Laboratory would incur a major and unnecessary expense, both in the relocation of people and equipment and in the construction of new facilities, and would incur the loss of highly valuable personnel who are unlikely to accept the relocation. I fear the move would also most certainly mean the imminent demise of a major national facility.

Sincerely,

A handwritten signature in dark ink, appearing to read "J. Donald Monan, S.J.", written in a cursive style.

J. Donald Monan, S.J.
President

JDM:mpd

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

December 20, 1991

Dear Father Monan:

I am writing in response to your letter to Dr. Bromley, in which you express concern about the potential relocation of the Air Force Geophysics Laboratory from Massachusetts to New Mexico. It is my understanding that the final decision on this matter has not yet been made. However, in making that decision the Air Force must necessarily take into account a variety of factors, including the ones you mentioned in your letter. The final outcome will certainly be influenced by the need to retain scientific excellence at the Laboratory.

Your interest in the Air Force's geophysics program is greatly appreciated.

Sincerely yours,



Karl A. Erb
Acting Associate Director
for Physical Sciences and Engineering

*I am sorry our
reply is so tardy.*

Father J. Donald Monan, S.J.
President
Boston College
Chestnut Hill, Massachusetts 02167-3934

"CORRESPONDENCE TRACKING"

TYPE: ACTION

DOCUMENT NUMBER: 9120393

FROM: COFFEY, HELEN E.

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 02/07/91

SUBJECT: THE AIR FORCE GEOPHYSICS LABORATORY AT HANSCOM
CHANGING ITS DIRECTION TOWARDS ONE OF ENGINEERING.

ASSIGNED TO: Dr. Wong

ACTION REQUIRED: AS NECESSARY

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED:

12/20/91

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

CLOSED

DATE RECEIVED: 02/13/91

FILE: b GEOPHYSICS

Pres

9120393

RECEIVED

91 FEB 13 AIO: 19

8082 Meadow Lake Road
Longmont, CO 80503-8634
7 February 1991

OFFICE OF THE
DIRECTOR

Dr. D. Allan Bromley
Assistant to the President for Science and Technology
Office of Science and Technology Policy - Room 360
Old Executive Office Building
17th Street and Pennsylvania Ave., NW
Washington, DC 20506

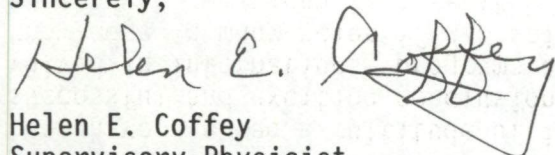
Dear Dr. Bromley:

I am appalled to hear that the Air Force Geophysics Lab (AFGL) at Hanscom AFB, Massachusetts, is changing its direction under the Phillips Laboratory, toward one of engineering! Over many years, we at the NOAA National Geophysical Data Center in Boulder, Colorado, have often referred questions concerning geophysical systems to staff at AFGL. In particular, Peggy Shea is a national and international resource in the cosmic ray discipline and the solar-terrestrial environment area. Her enthusiasm, energy and dedication have enabled a multitude of international scientific programs to reach successful and exciting conclusions. Many others at the Lab also are involved in international programs and in important research furthering the knowledge in many scientific disciplines. To shut this effort down is like burning the American flag -- it hurts.

I urge you to reconsider the options. At a time when global change is considered a serious threat to all mankind, environmental research should be enhanced, not cut back. The Air Force Scientific Advisory Board recommends that a corporate-type Lab like AFGL be established. Its funding and management would be separate from the narrow focus of the Phillips Laboratory. Please add my voice to that recommendation. The existing infrastructure at AFGL would be an excellent start for such a corporate-type Lab -- with no new funds from the taxpayer needed for start up funding. Existing expertise can be maintained and enhanced where possible. With a population of 2 billion people on this Earth, the numbers of scientists worldwide addressing issues of the environment are comparatively a paltry few -- I hope you will not make it even fewer.

Thank you for your consideration.

Sincerely,



Helen E. Coffey
Supervisory Physicist
Solar and Upper Atmosphere Data Group
NOAA NGDC Solar-Terrestrial Physics Division

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

December 20, 1991

Dear Dr. Coffey:

I am writing in response to your letter to Dr. Bromley, in which you express concern about the potential relocation of the Air Force Geophysics Laboratory from Massachusetts to New Mexico. It is my understanding that the final decision on this matter has not yet been made. However, in making that decision the Air Force must necessarily take into account a variety of factors, including the ones you mentioned in your letter. The final outcome will certainly be influenced by the need to retain scientific excellence at the Laboratory.

You interest in the Air Force's geophysics program is greatly appreciated.

Sincerely yours,



Karl A. Erb
Acting Associate Director
for Physical Sciences and Engineering

*I am sorry our reply
is so tardy.*

Dr. Helen E. Coffey
8082 Meadow Lake Road
Longmont, Colorado 80503-8634

"CORRESPONDENCE TRACKING"

TYPE: ACTION

DOCUMENT NUMBER: 9120311

FROM: SCHMAHL, E.J.

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 02/05/91

SUBJECT: RELOCATION OF THE AIR FORCE GEOPHYSICS LABORATORY

ASSIGNED TO: Dr. Wong

ACTION REQUIRED: DIRECT REPLY

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED:

12/20/91

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

CLOSED

DATE RECEIVED: 02/07/91

FILE: B-GEOPHYSICS

Pres

"CORRESPONDENCE TRACKING"

TYPE: ACTION

DOCUMENT NUMBER: 9120311

FROM: SCHMAHL, E.J.

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 02/05/91

SUBJECT: RELOCATION OF THE AIR FORCE GEOPHYSICS LABORATORY

ASSIGNED TO: Dr. Wong

*be should
stay with this
in my opinion
DAB*

ACTION REQUIRED: DIRECT REPLY

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED:

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

DATE RECEIVED: 02/07/91

FILE: GEOPHYSICS

9120311

RECEIVED

91 FEB 7

NASA Goddard Space Flight Center
Mail Code 682.6
Greenbelt, Maryland 20771
February 5, 1991

OFFICE OF THE
DIRECTOR

Dr. D. Allen Bromley
Assistant to the President for Science and Technology
Office of Science and Technology Policy - Room 360
Old Executive Office Building
17th Street and Pennsylvania Ave., NW
Washington, D.C. 20506

Dear Dr. Bromley,

My colleagues have informed me that the Air Force is proposing to move the Geophysics Laboratory (AFGL) in Massachusetts to a new location in New Mexico. AFGL is widely respected for its geophysical research, which ranges from the earth to the sun, encompassing many major features of the earth's environment. Given the present uncertainties about the effects of solar activity on the earth, the effects of man's enterprise on climate, and concerns about global warming, it is essential that this environmental research continue.

The proposed move could devastate the lab's productivity, since many of the scientists there may be unable to relocate. The mission of the laboratory would be reduced in scope, and the existing links between AFGL and the world scientific community would be broken. I believe that such a move would sacrifice AFGL's primary goals without any compensating reasons.

The Air Force Scientific Advisory Board has recommended that the AFGL be made a corporate-type Laboratory at Hanscom AFB. I support this recommendation, and urge that the proposal to move the lab be abandoned.

Sincerely,

Edward J. Schmahl

E.J. Schmahl

National Research Council
Senior Associate

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

December 20, 1991

Dear Mr. Schmahl:

I am writing in response to your letter to Dr. Bromley, in which you express concern about the potential relocation of the Air Force Geophysics Laboratory from Massachusetts to New Mexico. It is my understanding that the final decision on this matter has not yet been made. However, in making that decision the Air Force must necessarily take into account a variety of factors, including the ones you mentioned in your letter. The final outcome will certainly be influenced by the need to retain scientific excellence at the Laboratory.

Your interest in the Air Force's geophysics program is greatly appreciated.

Sincerely yours,



Karl A. Erb
Acting Associate Director
for Physical Sciences and Engineering

Mr. E.J. Schmahl
Senior Associate, National Research Council
NASA Goddard Space Flight Center
Mail Code 682.6
Greenbelt, Maryland 20771

*I am sorry our
reply is so tardy.*

"CORRESPONDENCE TRACKING"

TYPE: ACTION

DOCUMENT NUMBER: 9120381

FROM: PRIEST, E.R.

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 02/04/91

SUBJECT: RELOCATION OF THE GEOPHYSICS LABORATORY

ASSIGNED TO: Dr. Wong

ACTION REQUIRED: DIRECT RESPONSE

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED:

12/20/91

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

CLOSED

DATE RECEIVED: 02/13/91

FILE: 8- GEOPHYSICS

Pres

9120381

UNIVERSITY OF ST ANDREWS

DEPARTMENT OF MATHEMATICAL AND COMPUTATIONAL SCIENCES

Mathematical Institute, North Haugh, St Andrews KY16 9SS, Fife, Scotland



E. R. Priest, Ph.D., F.R.S.E.
Professor of Theoretical Solar Physics

91 FEB 13 A9:12

Telephone: (0334) 76161 Ext. 8156
Fax: (0334) 74487
E-Mail on EARN/BITNET:
AMSEP@UK.AC.St-And.SAVA

4 February 1991

Dr D A Bromley
Assistant to the President for Science & Technology
Office of Science & Technology Policy - Room 360
Old Executive Office Building
17th St. and Pennsylvania Avenue NW
Washington
DC 20506
USA

Dear Dr Bromley

I have recently heard that the Air Force is considering moving the Geophysics Laboratory to the Phillips Laboratory in Albuquerque from its present location at Harscom Air Force Base, Massachusetts.

The Geophysics Laboratory is extremely highly regarded by the international science community and is performing research which is not only crucial for military operations but is also fundamental for environmental sciences, space science and solar physics. My understanding is that the proposed move would damage irreparably the Laboratory's activity and would constrain it unnecessarily to those of the Phillips Laboratory. I would like to support the Air Force Scientific Advisory Board at the highest possible level in its recommendation that the Laboratory instead be established as a corporate-type laboratory at Harscom. It is only in this way that its superb international standing can continue.

Yours sincerely

ER Priest

E R Priest
President International Astronomical Union's
Commission on Solar Activity
Professor of Theoretical Solar Physics, St Andrews
University, Scotland

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

December 20, 1991

Dear Professor Priest:

I am writing in response to your letter to Dr. Bromley, in which you express concern about the potential relocation of the Air Force Geophysics Laboratory from Massachusetts to New Mexico. It is my understanding that the final decision on this matter has not yet been made. However, in making that decision the Air Force must necessarily take into account a variety of factors, including the ones you mentioned in your letter. The final outcome will certainly be influenced by the need to retain scientific excellence at the Laboratory.

You interest in the Air Force's geophysics program is greatly appreciated.

Sincerely yours,



Karl A. Erb
Acting Associate Director
for Physical Sciences and Engineering

*I am sorry our reply
is so tardy.*

Professor E.R. Priest
Department of Mathematical and Computational Sciences
University of St. Andrews
North Haugh
St. Andrews KY 16 9SS
Fife, Scotland

"CORRESPONDENCE TRACKING"

TYPE: ACTION

DOCUMENT NUMBER: 9120313

FROM: LEONE, STEPHEN R.

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 02/04/91

SUBJECT: RELOCATION OF THE AIR FORCE GEOPHYSICS LABORATORY

ASSIGNED TO: Dr. Wong

ACTION REQUIRED: DIRECT REPLY

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED:

12/25/91

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

CLOSED

DATE RECEIVED: 02/07/91

FILE: B. GEOPHYSICS (Pres)

"CORRESPONDENCE TRACKING"

TYPE: ACTION

DOCUMENT NUMBER: 9120313

FROM: LEONE, STEPHEN R.

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 02/04/91

SUBJECT: RELOCATION OF THE AIR FORCE GEOPHYSICS LABORATORY

ASSIGNED TO: Dr. Wong ✓

*We should stay
out of this handle
too*

ACTION REQUIRED: DIRECT REPLY

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED: -----

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

DATE RECEIVED: 02/07/91

FILE: GEOPHYSICS



University of Colorado at Boulder

Joint Institute for Laboratory Astrophysics

Campus Box 440
Boulder, Colorado 80309-0440
(303) 492-7789
Telex: 755842
FAX: 492-5235

9120313
RECEIVED

91 FEB 7 P 3:14

OFFICE OF THE
DIRECTOR

February 4, 1991

Dr. D. Allan Bromley
Assistant to the President for Science and Technology
Office of Science Technology Policy - Room 360
Old Executive Office Building
17th Street and Pennsylvania Avenue, NW
Washington, DC 20506

Dear Dr. Bromley:

I have been informed by several colleagues that the Air Force Geophysics Laboratory, Hanscom AFB, MA, may be transferred to Albuquerque, NM. I wish to express extreme concern about such an action, since it will very likely result in a dismantling of this once very prestigious laboratory. In a time when nearly every basic research laboratory in the country is either being diverted to applied projects or subjected to greatly diminished resources, we may be witness to an era when the Nation's long term basic research capabilities are almost completely destroyed.

I urge you to investigate the situation of the Geophysics Laboratory at Hanscom and to consider the ramifications of this Air Force action on science in the U.S. Perhaps your advice on this matter will be beneficial to the Air Force in the future.

Sincerely yours,

Stephen R. Leone
Chairman, Joint Institute
for Laboratory Astrophysics

SRL:lh



A Joint Institute with the
National Institute of Standards and Technology

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

December 20, 1991

Dear Dr. Leone:

I am writing in response to your letter to Dr. Bromley, in which you express concern about the potential relocation of the Air Force Geophysics Laboratory from Massachusetts to New Mexico. It is my understanding that the final decision on this matter has not yet been made. However, in making that decision the Air Force must necessarily take into account a variety of factors, including the ones you mentioned in your letter. The final outcome will certainly be influenced by the need to retain scientific excellence at the Laboratory.

Your interest in the Air Force's geophysics program is greatly appreciated.

Sincerely yours,



Karl A. Erb
Acting Associate Director
for Physical Sciences and Engineering

Dr. Stephen R. Leone
Chairman
Joint Institute for Laboratory Astrophysics
University of Colorado
Campus Box 440
Boulder, Colorado 80309-0440

*I am sorry our reply
is so tardy.*

"CORRESPONDENCE TRACKING"

TYPE: INFORMATION

DOCUMENT NUMBER: 9120269

FROM: WEBB, DAVID F.

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 01/24/91

SUBJECT: RELOCATION OF GEOPHYSICS LABORATORY

ASSIGNED TO:

ACTION REQUIRED:

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED:

COPIES TO: Dr. Wong

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

DATE RECEIVED: 01/29/91

FILE: *P-Physical Sciences-*
GEOPHYSICS

9120269

23 Eugene Rd.
Burlington, MA 01803
January 24, 1991

91 JAN 29 A 9:23

Dr. D. Allan Bromley
Assistant to the President for Science and Technology
Office of Science and Technology Policy-Room 360
Old Executive Office Building
17th Street and Pennsylvania Ave., N.W.
Washington, D.C. 20506

DIRECTOR

Dear Dr. Bromley:

The Air Force has proposed restructuring and relocation of the Geophysics Laboratory (GL) at Hanscom AFB to New Mexico. I am a scientist and AF contractor working at the Lab. GL has had an established reputation as a center for geophysical research in the U.S. for 45 years. It provides guidance, funding and jobs to the military and scientific communities. GL employs over 600 scientists and engineers, many of whom are recognized experts in the earth, ionospheric, and magnetospheric sciences, and space and solar physics. GL is the only environmental lab in the Air Force system and supports many Air Force, DOD and government customers.

The Air Force is proposing to relocate GL to Kirtland AFB in New Mexico as part of a reorganization to form one large laboratory dedicated to Space and Missile technology. I and most of my colleagues believe that the move would effectively destroy GL as a viable research entity, and would have the effect of crippling the government's environmental research program at a time when it is considered critical to U.S. interests. Furthermore, the relocation would have a substantial impact on the already depressed local Massachusetts economy.

I encourage the Congress and the DOD to recognize the broad mission of GL and its importance to the national interest. I believe that there are better alternatives for consolidation which would be more efficient and less costly to the Air Force and would preserve the integrity of GL. One attractive option would be to make GL a corporate-type laboratory at Hanscom AFB such that the funding and management are separated from that of the product divisions, and the goals defined in terms of the long term environmental requirements of the Air Force and the DOD. I believe that this is the option recommended by the Air Force's own Scientific Advisory Board. Some materials pertinent to GL's scientific output and this "corporate" plan are enclosed. Thank you in advance for your attention to this matter.

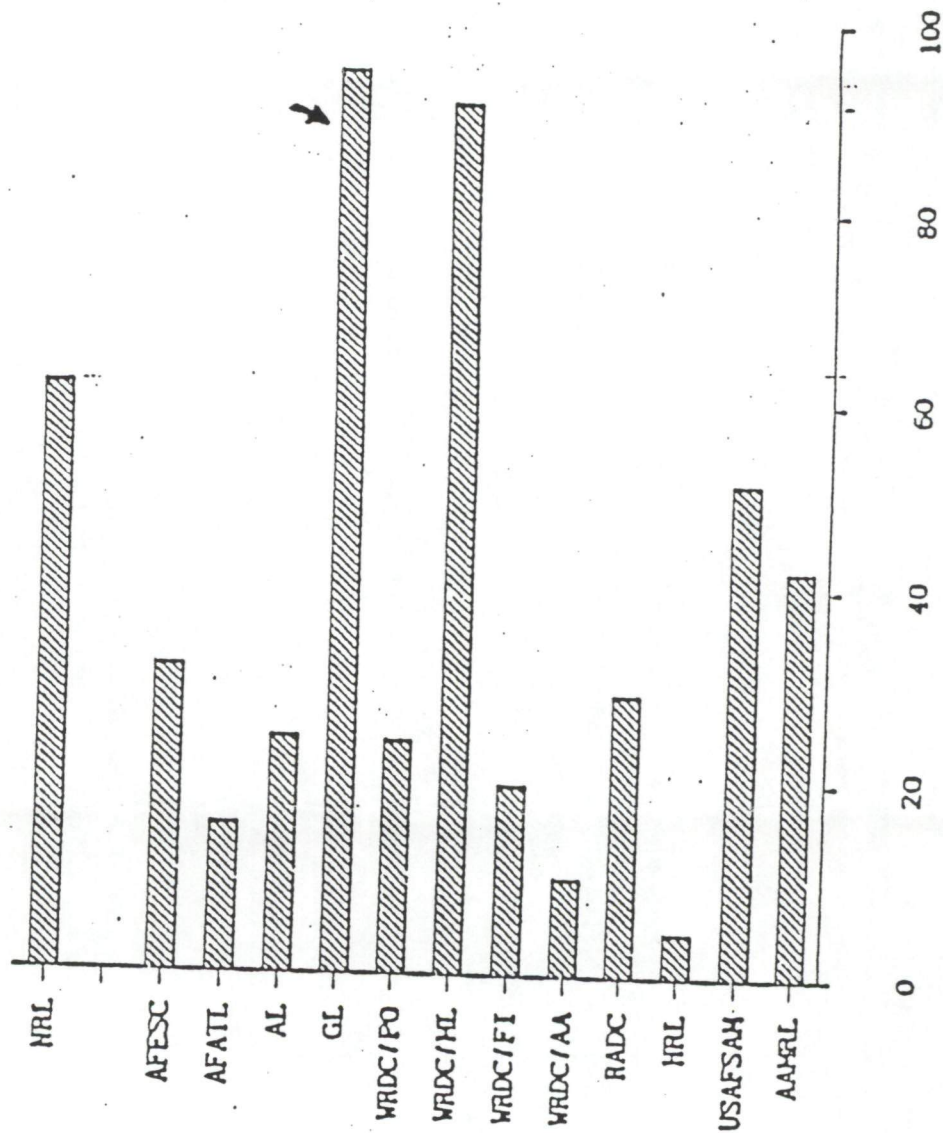
Sincerely yours,

David F. Webb
David F. Webb

PUBLICATIONS PER 100 S&Es

(REFEREED JOURNAL AND CONFERENCE PROCEEDINGS)

FY 87



Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
01. Report	Air Force Corporate Laboratories (4 pp.)	12/12/90	(b)(2)	

Collection:

Record Group: Bush Presidential Records
Office: Science and Technology Policy, Office of (OSTP)
Series: Bromley, D. Allan, Files
Subseries: General Science Files
WHORM Cat.:
File Location: Physical Science: Geophysics [2 of 2] [1991]

Date Closed:	3/30/2010	OA/ID Number:	62044-002
FOIA/SYS Case #:	2005-0336-F	Appeal Case #:	
Re-review Case #:		Appeal Disposition:	
P-2/P-5 Review Case #:		Disposition Date:	
AR Case #:		MR Case #:	
AR Disposition:		MR Disposition:	
AR Disposition Date:		MR Disposition Date:	

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

"CORRESPONDENCE TRACKING"

TYPE: ACTION

DOCUMENT NUMBER: 9120326

FROM: JORDAN, CAROLYN

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 01/23/91

SUBJECT: RELOCATION OF THE AIR FORCE GEOPHYSICS LABORATORY

ASSIGNED TO: Dr. Wong

ACTION REQUIRED: AS NECESSARY

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED:

12/20/91

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

CLOSED

DATE RECEIVED: 02/04/91

FILE: b-GEOPHYSICS

(Pres)

9120326

RECEIVED 23 January 1991

Dr. D. Allen Bromley
Assistant to the President for Science and Technology
Office of Science and Technology Policy Room 3601
Old Executive Office Building
17th St. and Pennsylvania Ave., NW
Washington, D.C. 20506

OFFICE OF THE
DIRECTOR

Dear Dr. Bromley,

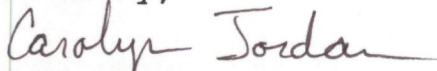
I am writing regarding the imminent restructuring and relocation of the Geophysics Laboratory at Hanscom Air Force Base in Massachusetts to Kirtland Air Force Base in Albuquerque, New Mexico. This is a federal facility conducting research of national and global importance, its relocation should not be lightly undertaken. In your position as Assistant to the President, you are in a key position to address this issue.

The Geophysics Laboratory is the only D.O.D. facility dedicated to the study of geophysics; from seismic measurements of the Earth's interior to solar processes affecting orbiting satellites. In addition to the civil servants, an impressive array of experts have been brought in under contract. Should the laboratory be relocated, the scientists and staff would be cut by half and the contractors would be lost. Granted that new contractors could be hired in New Mexico, it would still take years to bring them up to speed on the present projects. Not only is this economically inefficient, but at a time when

- 1) global warming is a threat,
- 2) large cities are built on earthquake fault lines,
- 3) radioactive wastes must be disposed of,
- 4) alternatives to solid waste disposal must be found,
- 5) the decimation of rainforests threatens the delicate balance of our environment, and
- 6) increased solar activity endangers the operation of our satellites,

it is hardly appropriate to dismantle a national resource such as the Geophysics Laboratory. The D.O.D. doesn't need a new research institution to study the Earth's environment. They have the core of one now. We are right here. Here we have an excellent core of people, plus the additional resources of the universities of New England to explore further avenues of research as they arise. The proposed Air Force restructuring and relocation would be detrimental to the pursuit of our country's environmental research goals. It is not necessary. Please work to stop it.

Sincerely,



Carolyn Jordan
Senior Research Analyst
Radex, Inc.
Three Preston Court
Bedford, MA 01730

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

December 20, 1991

Dear Ms. Jordan:

I am writing in response to your letter to Dr. Bromley, in which you express concern about the potential relocation of the Air Force Geophysics Laboratory from Massachusetts to New Mexico. It is my understanding that the final decision on this matter has not yet been made. However, in making that decision the Air Force must necessarily take into account a variety of factors, including the ones you mentioned in your letter. The final outcome will certainly be influenced by the need to retain scientific excellence at the Laboratory.

Your interest in the Air Force's geophysics program is greatly appreciated.

Sincerely yours,



Karl A. Erb
Acting Associate Director
for Physical Sciences and Engineering

*I am sorry our reply
is so tardy.*

Ms. Carolyn Jordan
Senior Research Analyst
Radex, Inc.
3 Preston Court
Bedford, Massachusetts 01730

"CORRESPONDENCE TRACKING"

TYPE: ACTION

DOCUMENT NUMBER: 9120219

FROM: KILE, JAMES N.

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 01/20/91

SUBJECT: THE PROPOSED CONSOLIDATION OF THE GEOPHYSICS
LABORATORY AT HANSCOM AFB WITH THE PHILLIPS
LABORATORY AT KIRKLAND AFB.

ASSIGNED TO: Dr. Wong

ACTION REQUIRED: DIRECT RESPONSE

SENDER'S DUE DATE: OSTP DUE DATE: 02/19/91

DATE COMPLETED: ~~2/11/91~~ 12/20/91

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

CLOSED

DATE RECEIVED: 01/28/91

FILE: B-GEOPHYSICS LABORATORIES

Pres

9120215

342 Hunnewell Street
Needham Heights, MA 02194
January 20, 1991

RECEIVED

91 JAN 28 PM 12 53

Dr. D. Allan Bromley
Assistant to the President for Science and Technology
Office of Science and Technology Policy - Room 360
Old Executive Office Building
17th Street and Pennsylvania Avenue, NW
Washington, DC 20506

OFFICE
DIRECTOR

Dear Dr. Bromley:

I am writing in regards to the proposed consolidation of the Geophysics Laboratory (GL) at Hanscom AFB, Massachusetts with the Phillips Laboratory headquartered at Kirtland AFB, New Mexico. The Geophysics Laboratory is a world-class facility serving the environmental needs of the Air Force, DoD, and the government as a whole. It is feared that transfer of the GL to Kirtland will mean the end of this unique research capability, and the catastrophic loss of key researchers (many renowned in their fields) who may not relocate.

The GL also provides support to and interacts with universities and industry both locally (especially important in light of the current New England economy) and across the country. The basic research performed at the GL is widely disseminated, more so than the "other" well-known DoD research facility, the Naval Research Laboratory. The new Phillips Laboratory will not have the broad goals and mission of the current GL. Who or what will replace this lost capability?

In short, I believe it would be a great blow to US environmental and geophysical research efforts to lose the GL through the consolidation. It would be more in the national interest to retain the GL at Hanscom and have it established as a corporate-type Air Force laboratory, as was recently recommended by the Air Force Scientific Advisory Board. This would separate its funding and management from the Air Force's "product divisions." With regards to the long-term environmental needs of DoD and the country at large, and bearing in mind the role of the Defense Department under the "peace dividend," I feel this would be the best way to preserve the expertise and meet the needs of the Air Force.

Sincerely,

James N. Kile

James N. Kile

cc: Hon. D. B. Rice, Secretary of the Air Force
Hon. J. Moakley, U. S. House of Representatives
Hon. E. Kennedy, U. S. Senate
Hon. J. Kerry, U. S. Senate

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

December 20, 1991

May - 12/20
except for the
Kile letter, none of
these have been sent,
yet. I have to have
someone show me where
for Envelopes. 

Dear Mr. Kile:

I am writing in response to your letter to Dr. Bromley, in which you express concern about the potential relocation of the Air Force Geophysics Laboratory from Massachusetts to New Mexico. It is my understanding that the final decision on this matter has not yet been made. However, in making that decision the Air Force must necessarily take into account a variety of factors, including the ones you mentioned in your letter. The final outcome will certainly be influenced by the need to retain scientific excellence at the Laboratory.

Your interest in the Air Force's geophysics program is greatly appreciated.

Sincerely yours,



Karl A. Erb
Acting Associate Director
for Physical Sciences and Engineering

I am sorry your reply
is so tardy.

Mr. James N. Kile
342 Hunnewell Street
Needham Heights, Massachusetts 02194

"CORRESPONDENCE TRACKING"

TYPE: ACTION

DOCUMENT NUMBER: 9120211

FROM: KAHLER, STEPHEN

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 01/20/91

SUBJECT: TRANSFER OF THE GEOPHYSICS LABORATORY FROM HANSCOM
AFB TO KIRTLAND AFB

ASSIGNED TO: Dr. Wong

B

ACTION REQUIRED: DIRECT REPLY

SENDER'S DUE DATE:

OSTP DUE DATE:

02/13/91

DATE COMPLETED:

12/20/91

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

CLOSED

DATE RECEIVED: 01/23/91

FILE: B-GEOPHYSICS LABORATORY

Pres

9120211

21 Tucker Ave.
Lexington, MA 02173
January 20, 1991

Dr. D. Allan Bromley
Assistant to the President for Science and Technology
Office of Science and Technology Policy - Room 360
Old Executive Office Building
17th Street and Pennsylvania Avenue, NW
Washington, DC
20506

Dear Dr. Bromley:

As you know, the U.S. Air Force has proposed to transfer the Geophysics Laboratory from Hanscom AFB to Kirtland AFB in Albuquerque, New Mexico as part of a consolidation move into a new super-laboratory at that base. I have worked at the GL since 1982 as a contractor with Emmanuel College and now with Boston College. During this time I have pursued a number of investigations into the physics of solar flares and interplanetary disturbances. I feel that these studies have helped us to understand better our aerospace environment and to predict radiation and geomagnetic hazards. This laboratory has enjoyed a reputation as an important center of space research, both here and abroad. The expertise, the support, and the technical library here are an important national asset.

My colleagues and I are deeply concerned that the proposed move to Kirtland AFB will be detrimental for several reasons. First, it will destroy the integrity of the laboratory as a research center. Not everybody will make the move, so research groups will be diminished and reconstituted. The ties to the local academic and scientific communities will be severed. Most ominous of all is that the research mission of the laboratory will be much more narrowly focused on the support of missile technology. This will represent a serious loss of research in an area in which the Europeans and Japanese are showing much interest and expertise.

I ask that you oppose the proposed move of the laboratory to Kirtland AFB. The move will be economically detrimental to our state and will be a scientific loss to the country.

Sincerely yours,

Stephen Kahler

Stephen Kahler

91 JAN 23 P 2:47

RECEIVED

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

December 20, 1991

Dear Mr. Kahler:

I am writing in response to your letter to Dr. Bromley, in which you express concern about the potential relocation of the Air Force Geophysics Laboratory from Massachusetts to New Mexico. It is my understanding that the final decision on this matter has not yet been made. However, in making that decision the Air Force must necessarily take into account a variety of factors, including the ones you mentioned in your letter. The final outcome will certainly be influenced by the need to retain scientific excellence at the Laboratory.

Your interest in the Air Force's geophysics program is greatly appreciated.

Sincerely yours,



Karl A. Erb
Acting Associate Director
for Physical Sciences and Engineering

Mr. Stephen Kahler
21 Tucker Avenue
Lexington, Massachusetts 02173

*I am sorry our
reply is so tardy*