

OFFICE OF TELECOMMUNICATIONS POLICY
WASHINGTON

6/14/72

Judy —

Thought you'd
want to hang onto
this since
there may be a
call.

Love

OFFICE OF TELECOMMUNICATIONS POLICY
WASHINGTON

June 14, 1972

To: Tom
From: Eva

This letter just came in from
Dr. David.

I pulled from your reading file
a copy of a letter Michael sent
to Dr. Everitt; we have checked
the letter has already gone out.

Would you want to drop a line to
Dr. Everitt and Dr. Busignies --
or phone either one or both?

cc: Mr. Bromley Smith

*copy of ltr to WRH.
sent 6/14/72*

| SEC. CL. | ORIGIN |

CONTROL NO.

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POINT OF FILING

6-13-72	6-14	6-14	6-19
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Ques.

Ed. E. David, Jr.: W. &
Science Advisor

Re working conditions

Between OGP & NAE Committee

on Telecommunications

ROUTING

DATE SENT

Feb 11	Feb 11
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ANSWERED

NO REPLY

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TO
FROM
SUBJ.

Dir.
Ed. E. David, Jr.: W. &
Science Adviser

Re working conditions
between OTP & NAE Committee
on Telecommunications.

ROUTING	DATE SENT
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SEC. CL. ORIGIN

CONTROL NO.

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TO
FROM
SUBJ.

Mr.
 E. E. David, Jr.: U.S.
 Science Advisor
 R. Working conditions.
 Defense ODP - NAE Committee
 on Telecommunications.

ROUTING

DATE SENT

For	6-14
Dir	6-14
ag	
From	6-14

COURIER NO.

ANSWERED

NO REPLY

RECEIVED NO.	ANSWERED	NO REPLY	2
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COURIER NO.		ANSWERED		NO REPLY	
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THE WHITE HOUSE

WASHINGTON

June 13, 1972

Dear Tom:

Apropos of our conversation the other day, I met informally with the NAE Committee on Telecommunications last Thursday. I had an opportunity to chat not only with the working members, but with Bill Everitt and the Chairman, Dr. Henri Busignies. As you might guess, they feel that a good working relationship does not exist with your office. I got the impression that they feel somewhat neglected and put off. They are looking for something useful to do, and if you have some specific things you want done, a call from you directly to either Everitt or Busignies, or both, would pay dividends. I've asked them to contact you, so you may be hearing from them independently. In my opinion, the working level of the committee is quite competent and has some very good people, but you will have to spend some time cultivating the relationship if it is going to be beneficial. I will, of course, be happy to assist in this process in any way I can.

Cordially,

Ed

Edward E. David, Jr.
Science Adviser

Dr. Clay T. Whitehead
Director, Office of Telecommunications Policy
Executive Office of the President
Washington, D. C.

RECEIVED
JUN 14 11 45 AM '72

OFFICE OF
TELECOMMUNICATIONS
POLICY

Mr. [illegible]
[illegible]

Dear Mr. [illegible]:

[Faint, mostly illegible body text of the letter]

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June 12, 1972

Dr. William L. Everitt
607 West Pennsylvania Avenue
Urbana, Illinois 61801

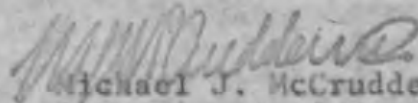
Dear Dr. Everitt:

In response to your question to Will Dean on June 7, concerning the status of your appointment as a consultant to this Office, you may recall that your appointment was effective February 17, 1971, to be effective for one calendar year.

We have recently been required to reevaluate the utilization of consultants due to budget restraints and program changes. As a result we are not in a position to continue your appointment with this Office.

We do appreciate the assistance and counsel which you have provided to us over the years, and hope that we can call upon you for additional assistance when it may be required.

Sincerely,


Michael J. McCrudden III
Executive Assistant

cc: Mr. Whithead ✓
Mr. Dean

Tuesday 3/9/71

4:10 Bobbie Kilberg (formerly Bobbie Greene) 2207
called to say the National Academy of Engineering
(Cmte. on Telecommunications) wants to see
Ken Cole. Cole doesn't want to see them; she checked
with Dr. David and he doesn't either. Wondered if
Mr. Whitehead would like to see them.

Mr. Whitehead said to tell her that we are working with
HUD and the other agencies and we're on top of the situation
and commend Mr. Cole for his good taste in deciding
what organizations are worth seeing.

Did so.

NAE

EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF TELECOMMUNICATIONS POLICY
WASHINGTON, D.C. 20504

Date: February 24, 1971

Subject: Interagency Committee of National Academy of
Engineers Telecommunications Committee

To: Tom Whitehead

Background I have been asked to attend a meeting of the interagency committee established to guide and support the National Academy of Engineers Telecommunications Committee next Wednesday, March 3. I am also scheduled to meet with Alan Siegal, HUD Chairman of the Committee, prior to the Committee meeting.

HUD will, I expect, want our position on two questions: 1) Should the NAE Committee be continued after July 1 when present funding expires, and if so under what funding arrangements and with what relation to OTP? 2) Are any of the pilot projects which the Committee has identified of interest to the OTP, and if so what are our plans for organizing and/or supporting same?

Plan Based on my own observations plus comments received from George and yourself, I would expect to respond as follows:

1. The OTP foresees no specific requirement for the type of activity characterized by the NAE Committee, particularly in view of our plans to establish an industry advisory committee to the OTP.
2. We have not been particularly impressed with the quality or incisiveness of the NAE analyses (even though it may have been a useful forum for obtaining industry views) and would not therefore be willing to endorse its continuation, even without OTP funding or close association.
3. The highest immediate priority would seem to be a compilation of the data base which the Committee staff has developed, for use by HUD and other

sponsors as needed; the OTP would like to obtain such data, and would be willing to spend a small amount (e.g., \$5-10K) for that specific purpose.

4. We are interested in structuring a significant pilot or demonstration program, and have held preliminary talks with senior HUD and HEW officials regarding such a program. The NAE pilot proposals represent grist for that mill, and are in that sense of interest; we are not however prepared to endorse any particular proposal at this time, and believe such an endorsement can only be meaningful as part of a comprehensive inter-agency plan which includes strong local participation.

Action || If you have any different or additional guidance regarding this meeting, please let me know prior to c.o.b. Tuesday, March 2. ||

Walt

Walt Hinchman

Walt → #5 We of course want to have the benefit of NAE expertise & objectivity in the future, but question whether this panel is the appropriate vehicle.

Nat Academy
Engineering

EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF TELECOMMUNICATIONS POLICY
WASHINGTON, D.C. 20504

Date: November 24, 1970

Subject: Attendance at Conference

To: Mr. Clay T. Whitehead, Director

THRU: Dr. George Mansur^{gm}, Deputy Director

Today I attended a conference sponsored by the National Academy of Engineering. The meeting concerned State of Nebraska telecommunications developments since 1961 and the State's current telecommunications problems.

The agenda of the conference and a listing of conference attendees are attached. The latter included representatives from 10 Federal agencies, several elements of State Government, four common-carriers, six trade associations, and Litton Industries.

With Federal assistance funding, the State of Nebraska has developed an operational multi-function serving microwave system to serve the Southeastern portion of the State. The State now wants to extend the system on a Statewide basis, but finds itself faced with the following problems:

1. Sufficient Federal assistance funds for telecommunications procurement are flowing into Nebraska for procurement of the remainder of the Statewide system. These funds are being obtained on a State matching basis. However, these Federal assistance funds have Federal restraints which preclude their use for procurement of a multi-purpose system. Also, the State continues to be unable to get the many Federal agencies to provide their telecommunications assistance funds on a cooperative Federal project basis for single system procurement. Federal agencies have varying reasons for their positions in this regard. For example, some Federal funds are provided for studies only, some are for short-range experiments in specific functional areas, some agencies maintain that their funds can be used only for specific functions

(not telecommunications specifically), others maintain that the State must own the equipment procured, and still others insist that telecommunications procured must be placed on an operationally standby status.

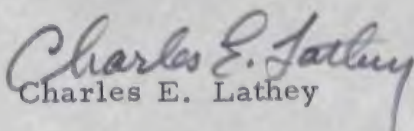
2. The State of Nebraska cannot procure the system using solely its own funds, even though the new system in its first year of full operation would cost about \$1.7 million as compared to a cost of \$2.5 million under present arrangements. In addition, the new system would provide almost twice the capability and a greater reliability than the present system.

The thrusts of the discussion were to seek the approval of the agencies represented to provide their funds in a manner which would permit the State to procure the remainder of the system and to apprise the National Academy of Engineering of Nebraska's efforts in the development of what they consider a "Wired State Government System."

No commitments were made by the agencies' representatives at the meeting, although a few agencies requested Nebraska officials to provide them with periodic information on their progress in development of the Statewide system.

The foregoing State situation is typical of the conditions existing in many States. It is a condition which the Director, Office of Telecommunications Policy, can alleviate somewhat with the assistance of a Federal-State Telecommunications Advisory Committee and some study funds.

Several documents were distributed at the meeting, and I have them should you desire to see them. One of the documents is attached -- "Development of Intergovernmental Telecommunications." Please note the circled resolutions on page 2 of the document: one resolution provides Federal objectives, and one refers to the preceding committee.


Charles E. Lathey

Attachments (3)

TELECOMMUNICATIONS DISCUSSION MEETING

TOPIC: Explanation of Nebraska's Study and Development of a
Statewide - Intergovernment Telecommunications System

MEETING: Tuesday, 24 November 1970
2:00 p.m.

PLACE: National Academy of Engineering
2100 Pennsylvania Avenue, N.W.
Room 500 A
Washington, D. C.

A G E N D A

- 2:00 - 2:10 Opening Remarks Mr. Roman Mrozinski
- 2:10 - 2:20 Background - Nebraska Actions Brigadier General
D. G. Penterman
- 2:20 - 2:40 Report of Nebraska "Project 20/20" Mr. Francis A. Laden
A Federal/State Demonstration Project
for research in the total field of high-
way services - via interlocking tele-
communications and computer accessed
resources.
- 2:40 - 2:50 Audio/Video Technology Transfer Dr. Kenneth Kimball
as assist to Rural Medical Services
- 2:50 - 3:30 An explanation of a total intergovern-
mental communications system as started, . . Mr. Donn Davis
tested and proposed for expansion in NCCC
Nebraska
An intergovernmental communications system
with cost projections.
Providing statewide ---
* VHF - UHF Radio
* Computer Controlled/Automatic
Teletype System
* Medium and low speed data processing

- * Colored television transmission
- * Complete automatic dial telephone system
- * Common Emergency Number "911"

3:30 - 4:00 Open Discussion General Penterman

Washington Hosts for Meeting

Committee on Telecommunications
National Academy of Engineering Mr. Roman Mrozinski
Executive Secretary

Intergovernmental Science Programs
National Science Foundation Dr. Frank Hersman

#

Nov. 24, 1970

Briefing - Brig. Gen. Donald Penterman, Mr. Francis A. Laden, Dr. Kenneth Kimball, and Mr. Donn Davis, on Nebraska's Study and Development of a Statewide - Intergovernment Telecommunications System.

Tuesday, November 24, 1970, 2 - 4 p.m., JH 500A, 2100 Pennsylvania Avenue, N.W., Washington, D.C.

ATTENDANCE

Dr. Arthur Goldsmith, Office of Telecommunications, Department of Transportation

Mr. Robert L. Cutts, Office of the Chief Engineer, one person from the Safety and Special Radio Service Bureau, and one person from Research Division, Federal Communications Commission

Dr. William Gouse, Jr., Office of Science and Technology, Executive Office of the President

Mr. William Sharp and Mr. Thomas Buffington, Communications Development, Office of Economic Opportunity

Dr. Albert L. Horley, Office of Telecommunications Policy, Department of Health, Education, and Welfare

Mr. Robert Havlick, International City Management Association, Washington, D.C.

Mr. Louis Blair (representing Mr. Harry Hatry), The Urban Institute, Washington, D.C.

Mr. Clarence Johnson (representing Dr. Sam Seeley), Committee on Emergency Medical Services, National Research Council

Mr. George R. Rodericks and Mr. Kenneth E. McNaughton, D.C. Office of Civil Defense, D. C. Municipal Government

Mr. Lyle Belsley, Project Director of Science and Technology, affiliated with the Council of State Governments

Mr. Joseph F. Coates and Dr. Richard C. Kolf, National Science Foundation

Dr. M. Frank Hersman, Head, Office of Intergovernmental Science Programs, National Science Foundation

Mrs. Madeleine Schaller (maybe), Staff Attorney, Washington Metropolitan Council of Governments

Mr. Clyde W. Sautter, U.S. Independent Telephone Association, Washington, D.C.

Mr. Arthur Griffiths, Office of Telecommunications, Division of Emergency Health Services, U.S. Office of Health

Dr. William Haddon, Jr., President, Insurance Institute for Highway Safety, Washington, D.C.

Mr. K. J. Christenson (representing Mr. John W. McConnell),
Office of Civil Defense, Office of the Secretary of the Army

Either Mr. David Solomon or Col. Roy D. Voorhees (representing
Mr. Louis A. DeRosa), Office of the Secretary of Defense,
Transportation

Maj. Rafael Acosta (representing Col. Fletcher Maddox,
Communications and Electronics Chief), Office of the Director
of Military Support, Department of the Army

Mr. Joseph Andre, Program Manager for Communications Programs,
Litton Systems, Inc., Van Nuys, California

Dr. George Morris, Regional Medical Programs, Lincoln, Nebraska

Mr. David McLaughlin (maybe), Director of Highway Safety,
Lincoln, Nebraska

Dr. Frank Norwood, Joint Council on Educational Telecommunications,
Washington, D.C.

Staff, Committee on Telecommunications: R. V. Mrozinski,
Stanley Garlick, Richard Hopkins, and Jack O'Neill

Total: 32 guests. With Gen. Penterman and the three from
Nebraska, total is 36 expected attendees.

- Penterman Briefing - Nov. 24, JH 500A,

These people were invited but were unable to attend:

Mr. Walter R. Key, Law Enforcement Assistance Administration,
Department of Justice

Dr. John M. Richardson, Office of Telecommunications, Department
of Commerce

Mr. Alan R. Siegel, Environmental Factors and Public Utilities,
Department of Housing and Urban Development

Mr. Walter Hinchman, Office of Telecommunications Policy,
Executive Office of the President

Mr. Ronald J. Phillips, NASA

Mr. Harold P. Belcher, Bureau of Research and Engineering, U.S.
Post Office

Mr. Raymond G. Stanley, Educational Broadcasting Facilities,
U.S. Office of Education, HEW

Mr. Lawrence Williams, National League of Cities

Mr. Charles A. Byrley, Council of State Governments

Mr. Rodman T. Davis, Metropolitan Regional Council

Mr. George Petrutsas, Federal Communications Commission

Adm. William Mott, U.S. Independent Telephone Association

Mr. George Grace, Director of Field Operations, Office of
Emergency Preparedness, Executive Office of the President

Mr. Edward Weller, Head, Electronics and Instrumentation Department,
General Motors Technical Center, Warren, Michigan

Senator William F. Swanson, Lincoln, Nebraska

Dr. Ann Campbell, Lincoln Public Schools, Lincoln, Nebraska

Mr. Jack McBride, Nebraska Educational Television Network, Lincoln.

Dr. Robert Hilliard, Chief of Educational Broadcasting, Federal
Communications Commission

These people have not answered; are highly doubtful to attend:

Mr. Lawrence B. Kilham, Management and Engineering Counsultant,
Winchester, Mass.

Senator Wayne W. Ziebarth, Wilcox, Nebraska

Dr. Gene Budig, Lincoln, Nebraska

Mr. Norman Otto, Millard, Nebraska

Seventh Annual Midwestern Governors' Conference
Milwaukee, Wisconsin
June 30 - July 3, 1968

RESOLUTION II

DEVELOPMENT OF INTERGOVERNMENTAL TELECOMMUNICATIONS

WHEREAS, the recent Midwestern Conference on Intergovernmental Telecommunications has identified major and complex problems in this vital and rapidly developing area of service; and

WHEREAS, an intriguing and challenging report has been presented to this Conference regarding the urgent need for intergovernmental coordination of the legislative, administrative, and operational facets of telecommunications activity; and

WHEREAS, a 1968 report by the Intergovernmental Task Force on Information Systems recognized the urgency for common language and share-system knowledge required to improve the functions of government; and

WHEREAS, it is imperative that our States maintain a well-planned intra and interstate communications program designed to (1) stimulate technological advance, and (2) foster early implementation of improved technology; and

WHEREAS, speedy and accurate telecommunications are vital to the security and welfare of our States; and

WHEREAS, reports of recent major emergencies, both natural and man-made, vividly illustrate major weaknesses in our present system of intergovernmental communications; and

WHEREAS, duplication of funding and services exists between and among telecommunications systems developed by separate federal and state agencies; and

WHEREAS, government at all levels could be improved by modernization of communications and a resulting reduction in cost, enhancement of services, or both:

NOW, THEREFORE, BE IT RESOLVED that the Midwestern Governors' Conference, through the appropriate office of the Council of State Governments, establish a Midwestern Council for Intergovernmental Telecommunications Development, thereby providing a standing forum for (1) interstate discussions of on-going telecommunications developments, and (2) a broad base of idea exchange designed to improve interstate governmental services through the increased use of common, standardized, and uniform telecommunications methods and procedures; and

Development of Intergovernmental Telecommunications (Cont'd.)

BE IT FURTHER RESOLVED that this Council be composed of three gubernatorial appointees from each State comprising the Midwestern Governors' Conference; that each State be encouraged to have representation from (1) its legislative branch, (2) an executive agency or department heavily involved in day-to-day communications needs, and (3) an executive agency or department concerned with emergency communications needs; and that this Council meet during 1968 with the President's Task Force on Communications Policy and the Federal-State Telecommunications Advisory Committee of the Office of Emergency Planning for an exchange of views and coordination of objectives; and

BE IT FURTHER RESOLVED that the federal government be encouraged to (1) consolidate the multitude of separate agency programs which are now providing piecemeal assistance in the development of state communications systems, (2) re-organize such programs into a share-system approach which will meet federal and state requirements in a systematized, economical manner, and (3) develop new programs and procedures that will permit maximum possible day-to-day usage of communications systems that are designed to meet total federal-state-local emergency needs; and

BE IT FURTHER RESOLVED that the Director of Telecommunications Management in the Executive Office of the President be encouraged to include additional state and local governmental representation on the recently-established Federal-State Telecommunications Advisory Committee.

THIS CONFERENCE CONSISTED OF THE GOVERNORS OF:

- ILLINOIS
- IOWA
- KANSAS
- MICHIGAN
- MINNESOTA
- MISSOURI
- NEBRASKA
- NORTH DAKOTA
- OHIO
- SOUTH DAKOTA
- WISCONSIN

Adopted by:

Seventh Annual Midwestern Governors' Conference
Milwaukee, Wisconsin
June 30 - July 3, 1968

RESOLUTION I

EMERGENCY READINESS

WHEREAS, civil emergency preparedness programs are presently taking on renewed importance; and

WHEREAS, recent events reflect serious weaknesses in present systems which are expected to coordinate resources in an effort to preserve life and property under disaster conditions, and to assist in the enforcement of the laws of this nation; and

WHEREAS, new programs in education, law enforcement, defense, military support of civil authority, emergency health services, highway safety, and many other areas are intended to help develop an improved emergency readiness posture for state and local government; and

WHEREAS, much duplication of effort and cost is involved in separate agency plans:

NOW, THEREFORE, BE IT RESOLVED by the Midwestern Governors' Conference that the Congress and the Executive Office of the President be asked to give special and immediate review to the myriad of duplicative, overlapping emergency readiness programs (both present and projected), and that this review be followed by a concerted effort to centralize direction of this vital partnership task; and

BE IT FURTHER RESOLVED that the federal government be asked to take immediate steps to clarify goals and restructure the intergovernmental partnership planned for total emergency preparedness, with emphasis on consolidation of the multiplicity of separate agency emergency plans and direction; that objectives be established under a centralized program designed to meet, in a common format, the requirements for a truly capable intergovernmental response to public emergencies, large or small.

*National
Academy of
Engineering*
MEETING
11/5/70
2 p.m.

Friday 10/30/70

5:30 Meeting with Dr. Joseph Petit has been
confirmed for 2 p.m. on Thursday 11/5.

Friday 10/30/70

MEETING

10:00 We have had a call from Dr. Heffner's office.
Dr. Joseph Petit, Dean of Engineering, Stanford U.
(also member of the National Academy of Engineering
Telecommunications Committee), had asked Dr. Heffner
if he could arrange an appointment to see you.

He will be coming to Washington for a few days --
coming into town on Wednesday 11/4 -- and would
appreciate an appointment either Thursday 11/5 or
Friday 11/6.

You have these times available:

Thursday 11/5	2:00 p. m.
Friday 11/6	1:00 p. m. and after (you will be at the Special Facilities all morning)

*Would be staying
at the Hay Adams probably*

Tuesday 10/27/70

MEETING
11/4/70
4:00 p. m.

3:10 Steve has scheduled the meeting for you and Dr. Mansur to see Dr. William Everitt (Chairman of the National Academy of Engineering - Subcommittee on Telecommunications. (approximately one hour)

Steve indicated that you and Dr. Mansur would like to talk man-to-man with Everitt so there will be no staff.

cc: Dr. Mansur

Steve

Your department,
plse. advise.

Will
10/26

OFFICE OF TELECOMMUNICATIONS POLICY

ROUTE SLIP

TO Mr. Dean

ACTION ☐

Concurrence ☐

Signature ☐

Comments ☐

For reply ☐

Information ☐

Per conversation ☐

Discuss with me ☐

FROM MEFord

DATE 10/26/70

Chmn, NAE Sub Comm on Tele
Former Dean Engineering U of Illinois

REMARKS Mr. Rozinski said Dr. Everitt wanted

(Mr. Rozinski) - Spec Secy
to see if he could arrange a meeting for
him and Mr. R with Mr. Whitehead 11/4. ~~or~~
~~11/11 (Dr. Everitt prefers 11/4).~~ Do this
either over lunch ~~on either day~~ or on the
afternoon of either day.

Can Mr. Dean arrange this and also would
like to have Mr. Dean included and also
Mr. Rozinski if that is all right with Mr.
Whitehead. If it is at lunch, might be
able to do it at the George Washington
Activities Building. Mr. R has a membership
there and it is very pleasant.

Mr. Rozinski can be reached on 961 1414

EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF TELECOMMUNICATIONS POLICY
WASHINGTON, D.C. 20504

Date: October 30, 1970

Subject: Material for Possible Use in your Discussion with
Dr. Everitt at 4:00 on Wednesday, Nov. 4

To: Mr. C. T. Whitehead

a. The NAE Committee on Telecommunications has been in existence for about two years. The membership is as set forth in the attachment.

b. In the past OTM has had three contract arrangements with the above Committee as follows:

- i. - Support of the Task Force
- ii. - Investigation as to the contributions telecommunications could make to solution of urban problems (now picked up and being pursued by HUD)
- iii. - Economic and social values of the Spectrum.

c. Based on past experience, I would recommend that if any OTP support of NAE is envisaged in the future, a reorganization of their method of doing business should be a prerequisite. Past practice has been for the NAE staff (which accounts for contractual expenditures, the subcommittee members receiving only travel allowance) to be charged with preparing the reports on the issues treated. The NAE Subcommittee itself has served only as a review panel and has given insufficient personal attention to the issues. The result in most cases has been outputs below that expected from such a prestigious group. If efforts are undertaken in support of OTP, it is recommended that the procedure be for the Subcommittee to appoint working level individuals from resources available to the membership to actually do the work, receiving only logistic support from NAE staff personnel. This procedure is used in the case of the National Academy of Science, for example in the Interconnect Study chaired by Ottinger, with considerable success.

d. In the past, the undersigned has had discussions with Dr. Everitt on the feasibility of injecting telecommunications more forcibly into educational institutions, with particular emphasis on the need for multidisciplinary training (engineering, economics, law, etc.) in order to produce a better product for future participation in the telecommunication decision process. Dr. Everitt has had some discussions with representatives of certain universities (Johns Hopkins, GW, etc.) and may bring this item up.

Will
W. Dean, Jr.

Attachment

NATIONAL ACADEMY OF ENGINEERING

Committee on Telecommunications Policy

*Dean William L. Everitt, Chairman
College of Engineering
University of Illinois at Urbana
106 Engineering Hall
Urbana, Illinois 61801

*Dr. Emanuel R. Piore, Vice Chairman
Vice President and Chief Scientist
International Business Machines
Corporation
Armonk, New York 10504

*Dr. Robert Adler
Vice President and
Director of Research
Zenith Radio Corporation
6001 West Dickens Avenue
Chicago, Illinois 60639

*Dr. Henri G. Busignies
Senior Vice President and
Chief Scientist
International Telephone and
Telegraph Corporation
320 Park Avenue
New York, New York 10022

National Academy of Engineering
Committee on Telecommunications Policy
Page Two

* Dr. Peter Carl Goldmark
President and Director of Research
CBS Laboratories, a Division of
Columbia Broadcasting Corporation, Inc.
High Ridge Road
Stamford, Connecticut 06905

* Dr. James Hillier
Vice President
RCA Laboratories
Radio Corporation of America
David Sarnoff Research Center
Princeton, New Jersey 08540

* Dr. Edward C. Jordan
Professor of Electrical Engineering
Head, Electrical Engineering
Department
University of Illinois
Urbana, Illinois 61801

Dr. Kenneth G. McKay
Vice President
American Telephone and
Telegraph Company
195 Broadway
New York, New York 10007

Dr. Daniel E. Noble
Vice Chairman of the Board
Chief Technical Office
Motorola Incorporated
5005 E. MacDowell
Phoenix, Arizona

National Academy of Engineering
Committee on Telecommunications Policy
Page Three

* Dr. Joseph M. Pettit
Dean
School of Engineering and
Professor of Electrical
Engineering
School of Engineering
Stanford University
Stanford, California 94305

* Dr. William H. Pickering
Director
Jet Propulsion Laboratory
4800 Oak Grove Drive
Pasadena, California 91103

Dr. Robert J. Potter
Vice President, Advanced Engineering
Xerox Corporation
Xerox Square
Rochester, New York 14603

* Dr. Allen E. Puckett
Executive Vice President and
Assistant General Manager
Hughes Aircraft Company
Centinela at Teale
Culver City, California 90230

* Dr. George Edward Solomon
Vice President and Director
Systems Laboratories
TRW Systems
Building El, Room 3066
Redondo Beach, California 90278

* Dr. Ernst Weber
President
Polytechnic Institute of Brooklyn
Brooklyn, New York

August 19, 1970

NAE

Dear Mr. Everitt:

Thank you for your letter of August 10 and the report of the Committee on Telecommunications entitled "The Application of Social and Economic Values to Spectrum Management."

I am looking forward to reading the report, but have not yet had the time to do so. I can certainly understand that you found considerable complexity in this area and extreme difficulty in identifying procedures that would permit these considerations to be reflected in spectrum management. However, I am sure you agree that it is of the utmost importance to continue research and analysis in this area. We simply must allocate our spectrum resources in a way that gives some confidence that social and economic values are reflected appropriately.

I am very pleased to see that the National Academy of Engineering is actively involved in this and other areas of telecommunications. I am hopeful that the new Office of Telecommunications Policy and the Academy will be able to work together effectively in addressing some of the problems we face in telecommunications and more importantly in assuring that the potential benefit to our economy and our society is realized.

Sincerely,

Clay T. Whitehead
Special Assistant to the President

Mr. W. L. Everitt, Chairman
Committee on Telecommunications
National Academy of Engineering
2101 Constitution Avenue, N. W.
Washington, D. C. 20418

cc: Mr. Whitehead
Central Files

CTWhitehead:jm



NATIONAL ACADEMY OF ENGINEERING

2101 CONSTITUTION AVENUE, N.W., WASHINGTON, D.C. 20418

COMMITTEE ON TELECOMMUNICATIONS
W. L. Everitt, Chairman

August 10, 1970

Honorable Clay T. Whitehead
Special Assistant to the President
The White House
Washington, D.C. 20500

Dear Dr. Whitehead:

I am enclosing a copy of the report of the Committee on Telecommunications entitled, "The Application of Social and Economic Values to Spectrum Management," which I trust you will find of interest.

The Committee has found the problems attendant on spectrum allocation to be extremely complex. We have examined thoroughly this complexity and identified some of the real problems involved in efficient spectrum management. We have found significant barriers to the development of an objective and clear-cut method for making spectrum decisions based on their social and economic impacts; moreover, with our present inadequate level of understanding it is unlikely that these barriers will be eliminated in the near future.

The Committee has recognized the magnitude of the problem and has proposed some procedures which should help toward a more effective management of this valuable national resource.

Sincerely yours,

W. L. Everitt

Encl: Spectrum Report