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National Telecommunications and Information Administration

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

December 7, 1989

MEMORANDUM FOR JAMES B. WYNGAARDEN

FROM: MICHELLE K. VAN CLEAVE *mk*
SUBJECT: FEDERAL RADIO FREQUENCY RADIATION GUIDELINES

Dr. Bromley met yesterday with Assistant Secretary of Commerce Janice Obuchowski, who left this paper for our review. I thought I should pass it to you, in case you are interested in this question.

Attachment:
Subject Paper

Federal Radio Frequency Radiation Guidelines

The lack of Federal standards on human exposure continues to cause costly and disruptive effects on the telecommunications industry. It has led to a patchwork of piecemeal and diverse state and local regulations -- often with little scientific basis or rationale, and to public concern, controversy, and litigation. The lack of Federal activity and credible guidelines is not favorable to the Administration or in the public interest. NTIA has encouraged EPA (and other responsible agencies) in their efforts to establish soundly-based exposure guidelines. Most recently, you wrote the EPA Administrator (William K. Reilly) urging that establishment of radiation protection criteria (planned for 1989) not be discontinued or "deferred"; or, as a minimum, to recommend interim guidelines. NTIA, FCC, and others that lack expertise or authority to develop protection criteria look to EPA and other recognized health and safety agencies to establish credible exposure criteria needed in carrying out their responsibilities.

NTIA feels strongly that national standards are needed. To support and refine these standards, and to resolve present uncertainties, an appropriate research effort must be sustained. Similar views have been expressed by other Federal agencies, industry, the scientific community, and the public. The current situation inevitably causes economic loss and may well jeopardize the well-being of people in certain exposure situations. OSTP could, and should, take an active interest and use all means available to see that these objectives are accomplished by the responsible agencies.

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

December 5, 1989

MEMORANDUM FOR D. ALLAN BROMLEY

THROUGH: MICHELLE VAN CLEAVE *mkv*

FROM: JOHN O'NEIL *JO*

SUBJECT: CALL BY JANICE OBUCHOWSKI-3:00 PM DECEMBER 6, 1989

Janice Obuchowski is Assistant Secretary of Commerce for Communications and Information, and Administrator for the National Telecommunications and Information Administration (NTIA). This position has traditionally been a member of your Joint Telecommunications Resources Board (JTRB) primarily because NTIA is responsible for government electromagnetic spectrum management. Her bio is at Tab A.

Ms. Obuchowski will be accompanied by Dick Parlow, her deputy at NTIA (a solid supporter of OSTP in communications management), and Dr. William Utlaut, Director of the Institute of Telecommunications Sciences, Boulder, Colorado.

The purpose of this call is for you to meet Ms. Obuchowski and for her to provide an overview of her responsibilities as they relate to your telecommunications management responsibilities, and specifically the JTRB. She holds no special clearances at this time. I expect she will also indicate her plans for NTIA in the next year.

Further, she may broach the following subjects:

Radio Frequency Radiation Guidelines or Standards. With all the RF emanations present in the environment, some think there should be guidelines or standards.

The Institute of Telecommunications Sciences. Dr. Utlaut will probably give a five minute presentation .

Extending Supercomputing to the countryside. She may discuss the idea of extending supercomputers to remote locations via fiber optics. Apparently, Senator Gore has interest in this area.

The "Information" portion of the NTIA title. NTIA is resource poor in this area and has not been active. She may mention the OTA report on "Federal Scientific and Technical Information in the Electronic Age: Opportunities and Challenges." She may simply add that she has an interest in "information" and may be of assistance to OSTP.

Points you may want to mention to Ms. Obuchowski:

NTIA has been active supporter of OSTP in telecomm management.

You very much appreciate this support.

You hope this relationship continues.

You look forward to working with her soon in other fora.

Attachment

JANICE OBUCHOWSKI

Janice Obuchowski serves as the Assistant Secretary for Communications and Information and Administrator for the National Telecommunications and Information Administration (NTIA).

Prior to joining NTIA, Janice Obuchowski was the Executive Director, International Affairs for NYNEX. In this position she managed the NYNEX international government affairs and diplomatic program.

Janice Obuchowski was the Senior Advisor to Chairman Fowler, advising him on telecommunications policy and international communications issues before the Federal Communications Commission until February, 1987. Ms. Obuchowski coordinated all FCC international activities, including participation in ITU conferences and telecommunications trade and policy talks.

Ms. Obuchowski was Chief of the FCC's Common Carrier Bureau, International Policy Division from 1982 to 1983. Her responsibilities included division management and international telecommunications policy formulation. As the legal assistant to the Chief of the Common Carrier Bureau from 1981 to 1982, Ms. Obuchowski supervised press and Congressional contacts during AT&T's divestiture and FCC deregulation of the telephone industry.

From 1976 to 1980, Ms. Obuchowski was an associate at Bergson, Borkland, Margolis & Adler, a Washington antitrust litigation firm. She chaired the Legislation Committee of the American Bar Association's Litigation Section from 1978 to 1980. In 1974 and 1975, Ms. Obuchowski was employed as a summer associate at Donovan, Leisure, Newton & Irvine in New York, N.Y. and as an investigator at the District of Columbia Criminal Justice Clinic.

Ms. Obuchowski received her Juris Doctor degree from the Georgetown University Law Center in 1976. She was a Member and Editor of the Georgetown Law Journal. She graduated from Wellesley College, receiving a B.A. in 1973, with honors, and was named a Wellesley Scholar. She also attended the University of Paris.

Ms. Obuchowski's professional activities include lecturing on international and domestic telecommunications. She chaired the OECD Subcommittee of the U.S. Council for International Business Telecommunications and Information Policy Committee. She is also an Adjunct Professor of International Telecommunications Law in the Masters Law Program at the Georgetown University Law Center. Her language background includes French, Russian, Polish and Italian training.

Ms. Obuchowski is married to Albert Halprin. They reside in McLean, Virginia.

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WASHINGTON, D.C. 20506

May 16, 1989

MEMORANDUM FOR WILLIAM R. GRAHAM

THROUGH: THOMAS P. RONA *TR*
FROM JOHN F. O'NEIL *JO*
SUBJECT: MEMORANDUM FOR THE SECRETARY OF COMMERCE TASKING
NTIA (ACTION/DECISION MEMORANDUM)

ACTION/DECISION REQUIRED: Signature of memorandum to the
Secretary of Commerce at TAB A.

Approved ✓ Disapproved _____ Other _____

=====

BACKGROUND. The FCC approved the Telecommunications Service
Priority (TSP) System on November 17, 1988. TSP is a service-
oriented system for priority treatment of NSEP requirements.

OMNCS is implementing TSP on behalf of the EOP. TSP replaces the
current Service Priority system (SP)--a circuit-specific system.

NTIA established a spectrum priority system, Spectrum Priority
Index (SPI), in accordance with EO 12472 and has rewritten SPI to
be consistent with TSP criteria.

TSP and SPI are now equivalent in that their criteria for
determination of specific priorities are both based on functions
supported, and the functions are ranked the same way in both
systems. The majority of Federally owned radio systems with
designated SPI's do not involve common-carrier facilities for
which TSP's are indicated.

On July 30, 1984, the Director, OSTP asked the Secretary of
Commerce to assist in executing OSTP's responsibilities under
Section 2(c)(3) of EO 12472 for spectrum dependent telecommuni-
cations resources of the Federal government (TAB B).
Specifically:

- to advise/assist the President in the administration of a system of radio spectrum priorities which support NSEP functions, and
- to certify/approve priorities for radio spectrum use, including conflict resolution under all conditions of crises or emergency.

This tasking was issued to ensure consistency, since Commerce was also assigned planning responsibilities for spectrum dependent resources by the EO.

In light of previous taskings to DoC, this memo will:

- emphasize to those few agencies which have not completed priority identification the importance and value of such action, and
- ensure circuits with high TSP's which also involve spectrum-dependent resources receive consistent and appropriate treatment,
- task NTIA to establish an MIS to enhance OSTP decision-making for NSEP.

Coordination: Richard Parlow, NTIA

Attachments:

TAB A: Memorandum to Secretary of Commerce
TAB B: Memorandum to Secretary of Commerce,
July 30, 1984

List of Acronyms

DoC	Department of Commerce
EO	Executive Order
EOP	Executive Office of the President
ERP	Emergency Readiness Plan
FCC	Federal Communications Commission
IOC	Initial Operating Capability
MIS	Management Information System
NSEP	National Security Emergency Preparedness
NTIA	National Telecommunications and Information Administration
OMNCS	Office of the Manager, National Communications System
SP	Service Priority
SPI	Spectrum Priority Index
TSP	Telecommunications Service Priority

EXECUTIVE OFFICE OF THE PRESIDENT
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May 19, 1989

MEMORANDUM FOR THE SECRETARY OF COMMERCE

SUBJECT: NATIONAL SECURITY EMERGENCY PREPAREDNESS (NSEP)
PRIORITY SYSTEM FOR GOVERNMENT-OWNED/LEASED
SPECTRUM-DEPENDENT TELECOMMUNICATIONS SYSTEMS

On November 17, 1988, the Federal Communications Commission (FCC) released its Report and Order establishing NSEP Telecommunications Service Priority (TSP) System Rules. Among other things, the FCC directed that the initial operating capability of the TSP System Rules will be nine months after formal FCC approval of the Executive Office of the President's procedures for implementation of the TSP System.

The TSP System remains the highest NSEP telecommunications program priority. Accordingly, it is requested that you direct the Assistant Secretary for Communications and Information, who has been designated to advise and assist the President in the administration of a system of radio spectrum priorities,¹ in coordination with the Manager, National Communications System (NCS) to take the necessary actions to assure that:

- Departments and Agencies designate the appropriate Spectrum Priority indexes (SPI) for their spectrum-dependent systems supporting NSEP functions, and
- when such systems include components for which a TSP has been or will be designated, the TSP and the SPI are compatible. Such action will aid in attaining an initial TSP System operating capability (IOC) by January 1, 1990, as required by the FCC.

Other actions to be taken in support of this goal should include at a minimum:

- amendment of the pertinent portions of Title 47, Code of Federal Regulations, to require that designated SPI's and

¹In accordance with Section 2, paragraph (c)(3) of Executive Order 12472, April 3, 1984.

TSP's be compatible where applicable, and that designated SPI's as approved by the Director, OSTP, be reflected in the "Emergency Readiness Plan for Use of the Radio Spectrum (ERP)" of the National Telecommunications and Information Administration (NTIA);

- development, acquisition, and promulgation of a management information system to facilitate radio communications and spectrum management involving systems supporting NSEP functions;
- in coordination with the NCS, inclusion in national exercises of events which test TSP and SPI compatibility and effectiveness; and
- preparation of status reports to the Director, OSTP, Executive Office of the President, on the progress of SPI designation and TSP compatibility. These reports should accompany periodic revisions to the ERP made by NTIA and submitted for approval to the Director, OSTP.

William R. Graham

William R. Graham
Director

EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF SCIENCE AND TECHNOLOGY POLICY

WASHINGTON, D.C. 20506

July 30, 1984

MEMORANDUM FOR THE HONORABLE MALCOLM BALDRIGE
Secretary of Commerce

SUBJECT: Implementation of Executive Order 12472,
Assignment of National Security and Emer-
gency Preparedness Telecommunications
Functions

On April 3, 1984, the President signed Executive Order 12472, which assigns various responsibilities to the Office of Science and Technology Policy. Section 2(c)(3) of that Order provides that:

"The Director of the Office of Science and Technology Policy or his designee shall advise and assist the President in the administration of a system of radio spectrum priorities for those spectrum dependent telecommunications resources of the Federal government which support national security or emergency preparedness functions. The Director also shall certify or approve priorities for radio spectrum use by the Federal government, including the resolution of any conflicts in or among priorities, under all conditions of crisis or emergency;"

Executive Order 12046, Relating to the Transfer of Telecommunications Functions, March 27, 1978, separately assigns certain other radio spectrum management responsibilities to you. To ensure consistency between both sets of responsibilities, your assistance is requested in developing and executing, on behalf of this office, the responsibilities assigned by Section 2(c)(3) of EO 12472. Any system that is developed should be a component of the NTIA Emergency Readiness Plan for use of the radio frequency spectrum and should also be coordinated with the National Communications System Committee of Principals established by Section 1(f) of EO 12472.

Consistent with Section 2(c)(3) of EO 12472, it is my intention to put into place the radio spectrum priorities system you develop. Furthermore, I shall employ that system in resolving any conflicts over competing spectrum demands that are encountered in crisis or emergency situations. It was informally agreed with members of your staff (NTIA) that we could expect an initial draft of the proposed spectrum priorities system to be ready on October 1, 1984, for OSTP review.

Your assistance in this endeavor is greatly appreciated. My staff point of contact for these activities is Colonel Maurice A. Roesch III, at 395-7326.



G. A. Keyworth
Director

cc: The Honorable David J. Markey
LtGen Winston D. Powers

bcc: Roger Reinke

~~SECRET~~

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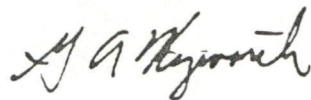
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