

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

FOIA Number:
2005-0336-F

FOIA MARKER

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

Record Group/Collection: George H.W. Bush Presidential Records
Collection/Office of Origin: Science and Technology Policy, Office of (OSTP)
Series: O'Neil, John F., Files
Subseries: Telecommunications Files

OA/ID Number: 62106
Folder ID Number: 62106-005

Folder Title:
National Communication Systems Issuances

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



NATIONAL COMMUNICATIONS SYSTEM

OFFICE OF THE MANAGER
WASHINGTON, D.C. 20305-2010

IN REPLY
REFER TO: NJ

29 May 1992

MEMORANDUM FOR THE SECRETARY OF STATE
THE SECRETARY OF TREASURY
THE SECRETARY OF DEFENSE
THE ATTORNEY GENERAL
THE SECRETARY OF THE INTERIOR
THE SECRETARY OF AGRICULTURE
THE SECRETARY OF COMMERCE
THE SECRETARY OF HEALTH AND HUMAN SERVICES
THE SECRETARY OF TRANSPORTATION
THE SECRETARY OF ENERGY
THE SECRETARY OF VETERAN AFFAIRS
THE DIRECTOR OF CENTRAL INTELLIGENCE
THE CHAIRMAN, JOINT CHIEFS OF STAFF
THE ADMINISTRATOR, GENERAL SERVICES ADMINISTRATION
THE DIRECTOR, UNITED STATES INFORMATION AGENCY
THE ADMINISTRATOR, NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION
THE DIRECTOR, FEDERAL EMERGENCY MANAGEMENT AGENCY
THE CHAIRMAN, FEDERAL COMMUNICATIONS COMMISSION
THE CHAIRMAN, NUCLEAR REGULATORY COMMISSION
THE POSTMASTER GENERAL, UNITED STATES POSTAL SERVICE
THE CHAIRMAN, FEDERAL RESERVE SYSTEM
THE DIRECTOR, NATIONAL SECURITY AGENCY
THE ADMINISTRATOR, NATIONAL TELECOMMUNICATIONS AND
INFORMATION ADMINISTRATION

SUBJECT: National Communications System Issuance

1. The National Communications System issuance enclosed is transmitted for appropriate Department or Agency action. This directive has been issued under authority of Executive Order 12472 by the Executive Office of the President.
2. If you or your staffs have any questions relating to this issuance, please contact the Office of the Manager, National Communications System. Ms. Janet Jefferson, at (703) 692-8434, is available to provide assistance.

1 Enclosure:
NCS Directive 3-4


ALONZO E. SHORT, JR.
Lieutenant General, USA
Manager

NJ Memo, National Communications System Issuance

Copy to:

Director, Office of Science and
Technology Policy

Assistant to the President for National
Security Affairs

Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
01. List	Distribution List [50 USC 403g, Sec 6] (1 pp.)		(b)(3), (b)(7c)	

Collection:

Record Group: Bush Presidential Records
Office: Science and Technology Policy, Office of (OSTP)
Series: O'Neil, John F., Files
Subseries: Telecommunications Files
WHORM Cat.:
File Location: National Communication Systems Issuances

Date Closed:	6/3/2010	OA/ID Number:	62106-005
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

NJ Memo, National Communications System Issuance

Copy to:

DOS	Mr. Warren E. Littrel
TREAS	Mr. Steven W. Broadbent
DoD	Mr. John G. Grimes
DOJ	Mr. Roger M. Cooper
DOI	Mr. James P. Jados
USDA	Mr. John L. Okay
DOC	Mr. Thomas W. Zetty
HHS	Dr. Neil J. Stillman
DOT	Ms. Cynthia Rand
DOE	Mr. Raymond S. Barrow
DVA	Mr. Sherman L. Naidorf

(b)(3)

JS	VADM Richard Macke, USN
GSA	Mr. Michael L. Corrigan
USIA	Mr. Orris F. Gilmore, Jr.
NASA	Mr. Charles T. Force
FEMA	Mr. Bruce J. Campbell
FCC	Mr. Alan R. McKie
NRC	Mr. Gerald F. Cranford
USPS	Mr. Richard Weirich
FRS	Mr. Theodore E. Allison
NSA	Mr. John W. Saadi

(b)(7c)

DOS	Mr. William E. Bischoff
TREAS	Mr. William H. Wunderlich
DoD	Mr. J. Robert Anderson
DOI	Mr. James E. Dolezal
DOJ	Mr. Donald E. Josephs
USDA	Mr. Robert D. Johnson
DOC	Mr. Jerome T. Gibbon
HHS	Mr. Frank J. Campbell
DOT	Ms. Nancy H. Correia
DOE	Mr. Robert M. Lewis
DVA	Mr. Howard D. Boyd

(b)(3)

JS	CAPT James R. Porter, USN
GSA	Mr. George F. Flynn, Jr.
NASA	Mr. Arthur L. C. Sigust
FEMA	Mr. Paul B. Maison
FCC	Mr. Ronald S. Stone
NRC	Ms. Pamela G. Kruzic
USPS	Mr. Ronald C. Schwitz
FRS	Mr. Jack Dennis, Jr.
NSA	Mr. David L. Austin

(b)(7c)

Bush Library Photocopy

NATIONAL COMMUNICATIONS SYSTEM
Washington, D.C. 20305-2010

NCS DIRECTIVE 3-4

TELECOMMUNICATIONS OPERATIONS

National Telecommunications Management Structure (NTMS)

1. Purpose. This directive establishes the National Telecommunications Management Structure (NTMS), describes its components, and broadly describes the administrative responsibilities of the Manager, NCS and participating NCS member organizations.
2. Applicability. This directive is binding on the Executive Agent, NCS; NCS Committee of Principals and member organizations; and other affected Executive entities. This directive is not intended to interfere with the special operational or security requirements of any agency during normal or wartime situations.
3. Authority. This directive is issued under the authority of Executive Order No. 12472, "Assignment of National Security and Emergency Preparedness Telecommunications Functions," April 3, 1984, 49 Federal Register 13471 (1984); White House letter, National Security Telecommunications Advisory Committee (NSTAC) Activities, July 11, 1988; and NCS Directive 1-1, "National Communications System (NCS) Issuance System," November 30, 1987.
4. References.
 - a. The Communications Act of 1934, as amended, Section 706 (47 U.S.C. 151 et seq.).
 - b. National Emergencies Act of 1976 (50 U.S.C. 1601 et seq.).
 - c. Executive Order 12472 of April 3, 1984, "Assignment of National Security and Emergency Preparedness Telecommunications Functions."

5. Definitions.

a. National Telecommunications Management Structure (NTMS). The NTMS is an emergency telecommunications management structure consisting of national and regional management elements and government and telecommunications industry operating centers that, when activated, shall provide emergency telecommunications management services in response to national security and emergency preparedness (NS/EP) requirements and objectives in accordance with references a. and b.

b. National Telecommunications Coordinating Network (NTCN). The NTCN provides the essential communications connectivity to support NTMS elements.

c. Emergency Preparedness Management Information System (EPMIS). The EPMIS is the telecommunications management information system designed to support NTMS operations at national and regional levels.

d. National Coordinating Center (NCC). The NCC is a jointly staffed and operated government and telecommunications industry center. The NCC assists in the initiation, coordination, restoration and reconstitution of the Federal Government's NS/EP telecommunications service requirements.

e. National Emergency Management Team (NEMT). The NEMT is a functionally organized, national level emergency management team composed of representatives from the Executive Branch of the Federal Government and selected industries.

f. National Emergency Management Team Communications Functional Group (NEMT CFG). The NEMT CFG is one of the functional groups of the NEMT, and is composed of Office of Science and Technology Policy (OSTP), Office of the Manager, NCS (OMNCS), NCS member organization and telecommunications industry representatives. The NEMT CFG is to be activated by national authorities in response to those crises and national emergency situations in which the President may invoke the provisions of Section 706 of the Communications Act of 1934, as amended. When so activated, the NEMT CFG will provide policy, direction and guidance for NS/EP telecommunications management, and serves as the highest level of the NTMS.

g. Regional Emergency Management Team Communications Functional Group/Regional Coordinating Center (REMT CFG/RCC). The REMT is the functionally organized regional equivalent of the

NEMT. The REMT CFG/RCC is the REMT functional group composed of regionally based Federal field establishment and telecommunications industry representatives. It is the NTMS organizational element tasked to provide direction and guidance for NS/EP telecommunications management in the Region. The REMT CFG/RCC is also capable of serving as an alternate NCC.

h. NTMS Government and Industry Operating Centers (OCs). Government and telecommunications industry facilities constitute the basic operating and coordinating organization for the nation's telecommunications management infrastructure. The NTMS OCs are selected to coordinate technical telecommunications activities at the local level in response to guidance and direction from the REMT CFG/RCC to which assigned.

(1) Industry OCs manage and coordinate the restoration and reconstitution of the telecommunications services provided.

(2) Government OCs coordinate communications support, and manage/operate communication facilities.

6. Policy. It is the policy of the United States to develop and implement a survivable and enduring telecommunications management structure to support national security and emergency preparedness requirements for use after the invocation of Section 706 of the Communications Act of 1934, as amended. The overall governing objective of the NTMS, as established herein, is to provide for a survivable and enduring functionally organized telecommunications management structure capable of coordinating the recovery and reconstitution of the nation's telecommunications infrastructure to meet essential NS/EP needs.

a. NTMS Components. The NTMS shall be composed of the NCC, the NEMT CFG, REMT CFG/RCCs and NTMS OCs.

b. Activation, Direction and Control. The NTMS shall be activated by and respond to the guidance and direction of the Director, OSTP, in the execution of the functions of the President under Section 706 (a), (c)-(e), of the Communications Act of 1934, as amended, should the President issue implementing instructions in accordance with the National Emergency Act (50 U.S.C. 1601).

c. Coordinating Instructions.

(1) In all instances prior to the invocation of Section 706 of the Communications Act of 1934, as amended, the NCC shall monitor the status of the nation's telecommunication resources and respond to NS/EP requirements as directed by the

Director, OSTP, and the Manager, NCS, or their designated representatives.

(2) Upon invocation of Section 706, the Director, OSTP, shall assume direction and control of national telecommunication resources and determine priorities for their allocation and use. The NTMS shall assist the Director, OSTP, in the exercise of his emergency authority relative to policy direction and management of national telecommunications resources.

7. Responsibilities.

a. NCS Member Organizations Participating in NTMS:

(1) Will support the implementation and operation of the NTMS, as mutually agreed to by the participating NTMS organizations and the OMNCS.

(2) Will assist the OMNCS with government NTMS Operating Center nominations.

(3) Will for those Operating Centers selected, assist in preparations to include necessary modifications for equipment installation, logistics support, equipment and life support supplies storage, and personnel selection and training.

(4) Will assist the OMNCS with the planning and conduct of NTMS tests, exercises and evaluations when requested and as scheduled by the NCS exercise master plan.

b. The NCS Committee of Principals and Executive Agent:

(1) Will consider and approve other NTMS issuances.

(2) Will review and provide comments regarding NTMS operating concepts, plans and policies to the Executive Office of the President.

c. The Manager, NCS:

(1) Will provide overall NTMS program management.

(2) Will ensure the funding for the NTMS.

(3) Will develop NTMS policies, plans and procedures as the designated focal point for NEMT CFG and REMT CFG/RCC operational matters in coordination with OSTP.

(4) Will coordinate NTMS operational issues and requirements with OSTP, NCS member organizations and telecommunications industry entities participating in the NTMS.

(5) Will coordinate NTMS program activities, as appropriate, with the Executive Office of the President; Executive Agent, NCS; NCS Committee of Principals; NCS member organizations and the telecommunications industry.

(6) Will provide for planning, implementation and management of the NTMS program.

(7) May propose subjects for and develop new NTMS issuances, and propose changes in existing issuances.

(8) Will forward NCS NTMS issuances and any comments thereon to the NCS Committee of Principals; Executive Agent, NCS; and/or Executive Office of the President, as required.

(9) Will implement test and exercise programs and develop procedures for the evaluation of the NTMS capability to meet national security and emergency preparedness telecommunications requirements.

d. Federal Emergency Management Agency:

(1) Will assist the OMNCS with NTMS implementation and planning in support of the NEMT and REMT CFG/RCCs.

(2) Will assist the OMNCS with NTMS activities and exercises when the NEMT and REMT CFG/RCCs are to be employed.

(3) Will assist the OMNCS and the telecommunications industry in establishing procedures for connectivity with FEMA FRCs.

e. General Services Administration:

(1) Will provide assistance to the OMNCS with NTMS implementation and planning in support of the NEMT and REMT CFG/RCCs.

(2) Will provide the REMT CFG/RCC Leader and assist in staffing the NEMT and REMT CFG/RCCs.

(3) Will provide assistance to the OMNCS with REMT CFG/RCC planning, staff selection, training, exercises and other activities.

May 4, 1992

NCS D 3-4

8. Authorizing Provisions. NCS circulars, manuals, handbooks, and notices implementing this directive are hereby authorized.
9. Effective Date. This directive is effective immediately.
10. Expiration. This directive will remain in effect until superceded or cancelled.



Director

Office of Science and Technology Policy

Date: May 4, 1992



Assistant to the President for
National Security Affairs

Date: May 4, 1992

Summary of Changes: Initial Issuance.

NATIONAL COMMUNICATIONS SYSTEM
Washington, D.C. 20305-2010

NCS DIRECTIVE 4-2

TECHNOLOGY AND STANDARDS

Focal Point for Electromagnetic Pulse (EMP) Information

1. Purpose. This directive establishes policy and assigns EMP information responsibilities in implementing the provisions of 47CFR215 and Executive Order 12472 related to EMP information.
2. Applicability. This directive is binding upon the Executive Agent, NCS; Manager, NCS; NCS Committee of Principals and member organizations; and other affected Federal Executive entities.
3. Authority. 47 CFR 215, "Federal Government Focal Point for Electromagnetic Pulse (EMP) Information" and Executive Order 12472, "Assignment of National Security and Emergency Preparedness Telecommunications Functions."
4. Supersession. This Directive supersedes NCS Memorandum 1-73, "Federal Government Focal Point for Electromagnetic Pulse (EMP) Information," dated November 16, 1973.
5. Definitions. Telecommunication - Any transmission, emission, reception of signs, signals, writings, images and sounds or information of any nature by wire, radio, visual or other electromagnetic systems. Telemetry related to research, development, testing and the control, monitoring, operation, and maintenance of power transmission systems are excluded from this definition.
6. General. Extensive nuclear effects research conducted over a long time developed an increased awareness of the detrimental effects of EMP from high altitude nuclear bursts on the capabilities of both military and civil telecommunication systems.
7. Policy. The NCS will support development of appropriate protection from EMP effects on telecommunication facilities.
8. Responsibilities.
 - a. The Executive Agent, NCS, shall:
 - (1) Serve as the focal point within the Federal Government for EMP technical data and studies concerning telecommunications.

(2) Designate where EMP related information will be maintained.

(3) Coordinate all telecommunication EMP tests and studies.

(4) Inform the National Security Council, and the NCS Committee of Principals of applicable EMP tests, studies, and mitigation measures being conducted and planned.

b. The Manager, NCS shall:

(1) Disseminate information concerning the results of telecommunication EMP tests, studies, and proposed or planned mitigation measures to those elements of government having a need for such information.

(2) Recommend to the Executive Agent, NCS, and to the Committee of Principals, additional studies and tests required to determine the overall effects of high altitude bursts on telecommunications and support the development of protective measures against EMP effects.

(3) Maintain working relationship with the Director, Defense Nuclear Agency, and those agencies actively involved in conducting EMP tests and studies.

(4) Assist those elements of government involved in EMP tests and studies in developing mutual support arrangements.

c. Federal Departments and Agencies who conduct EMP tests and studies shall:

(1) Develop intra-departmental procedures for ensuring that all technical information derived from EMP tests and studies concerning telecommunications is delivered to the point designated by the Executive Agent, NCS.

(2) Coordinate with the Executive Agent, NCS for all EMP test and studies concerning telecommunication facilities and systems to ensure maximum use of available information and technical expertise to minimize duplication.

(3) Prepare an annual report to the Executive Agent, NCS, showing the status of federally funded EMP telecommunication test and study programs in their organizations.

9. Authorizing Provisions. NCS publications implementing this directive are hereby authorized.
10. Effective Date. This directive is effective immediately.
11. Expiration. This directive is in effect until superceded or cancelled.



Director
Office of Science and Technology Policy
Date:

January 31, 1992.

Assistant to the President
for National Security Affairs
Date:

Summary of Changes: Initial Issuance.

NATIONAL COMMUNICATIONS SYSTEM
Washington, D.C. 20305-2010

NCS DIRECTIVE 4-2

TECHNOLOGY AND STANDARDS

Focal Point for Electromagnetic Pulse (EMP) Information

1. Purpose. This directive establishes policy and assigns EMP information responsibilities in implementing the provisions of 47CFR215 and Executive Order 12472 related to EMP information.
2. Applicability. This directive is binding upon the Executive Agent, NCS; Manager, NCS; NCS Committee of Principals and member organizations; and other affected Federal Executive entities.
3. Authority. 47 CFR 215, "Federal Government Focal Point for Electromagnetic Pulse (EMP) Information" and Executive Order 12472, "Assignment of National Security and Emergency Preparedness Telecommunications Functions."
4. Supersession. This Directive supersedes NCS Memorandum 1-73, "Federal Government Focal Point for Electromagnetic Pulse (EMP) Information," dated November 16, 1973.
5. Definitions. Telecommunication - Any transmission, emission, reception of signs, signals, writings, images and sounds or information of any nature by wire, radio, visual or other electromagnetic systems. Telemetry related to research, development, testing and the control, monitoring, operation, and maintenance of power transmission systems are excluded from this definition.
6. General. Extensive nuclear effects research conducted over a long time developed an increased awareness of the detrimental effects of EMP from high altitude nuclear bursts on the capabilities of both military and civil telecommunication systems.
7. Policy. The NCS will support development of appropriate protection from EMP effects on telecommunication facilities.
8. Responsibilities.
 - a. The Executive Agent, NCS, shall:
 - (1) Serve as the focal point within the Federal Government for EMP technical data and studies concerning telecommunications.

(2) Designate where EMP related information will be maintained.

(3) Coordinate all telecommunication EMP tests and studies.

(4) Inform the National Security Council, and the NCS Committee of Principals of applicable EMP tests, studies, and mitigation measures being conducted and planned.

b. The Manager, NCS shall:

(1) Disseminate information concerning the results of telecommunication EMP tests, studies, and proposed or planned mitigation measures to those elements of government having a need for such information.

(2) Recommend to the Executive Agent, NCS, and to the Committee of Principals, additional studies and tests required to determine the overall effects of high altitude bursts on telecommunications and support the development of protective measures against EMP effects.

(3) Maintain working relationship with the Director, Defense Nuclear Agency, and those agencies actively involved in conducting EMP tests and studies.

(4) Assist those elements of government involved in EMP tests and studies in developing mutual support arrangements.

c. Federal Departments and Agencies who conduct EMP tests and studies shall:

(1) Develop intra-departmental procedures for ensuring that all technical information derived from EMP tests and studies concerning telecommunications is delivered to the point designated by the Executive Agent, NCS.

(2) Coordinate with the Executive Agent, NCS for all EMP test and studies concerning telecommunication facilities and systems to ensure maximum use of available information and technical expertise to minimize duplication.

(3) Prepare an annual report to the Executive Agent, NCS, showing the status of federally funded EMP telecommunication test and study programs in their organizations.

9. Authorizing Provisions. NCS publications implementing this directive are hereby authorized.

10. Effective Date. This directive is effective immediately.

11. Expiration. This directive is in effect until superceded or cancelled.



Director
Office of Science and Technology Policy
Date:

January 31, 1992.

Assistant to the President
for National Security Affairs
Date:

Summary of Changes: Initial Issuance.

NATIONAL SECURITY COUNCIL

WASHINGTON, D.C. 20506

6322

October 15, 1991

MEMORANDUM FOR DAMAR W. HAWKINS
Executive Assistant
Office of Science and Technology Policy

FROM: WILLIAM F. SITTMANN *WFS*

SUBJECT: National Communications System Issuance

At Tab A is a National Communications System (NCS) directive which establishes interagency policy and assigns EMP information responsibilities in implementing the provisions of 47 CFR 215 and Executive Order 12472 related to EMP information. Under the regulations which set up the National Communications System, an NCS issuance such as the proposed directive must be signed by the National Security Advisor and the Director of OSTP.

It is requested that the NCS issuance be signed by Director Bromley and returned. The NCS staff point of contact is Don Pilling, Extension 6923.

Attachment

Tab A National Communications System Directive

NATIONAL COMMUNICATIONS SYSTEM
Washington, D.C. 20305-2010

NCS DIRECTIVE 4-2

TECHNOLOGY AND STANDARDS

Focal Point for Electromagnetic Pulse (EMP) Information

1. Purpose. This directive establishes policy and assigns EMP information responsibilities in implementing the provisions of 47CFR215 and Executive Order 12472 related to EMP information.
2. Applicability. This directive is binding upon the Executive Agent, NCS; Manager, NCS; NCS Committee of Principals and member organizations; and other affected Federal Executive entities.
3. Authority. 47 CFR 215, "Federal Government Focal Point for Electromagnetic Pulse (EMP) Information" and Executive Order 12472, "Assignment of National Security and Emergency Preparedness Telecommunications Functions."
4. Supersession. This Directive supersedes NCS Memorandum 1-73, "Federal Government Focal Point for Electromagnetic Pulse (EMP) Information," dated November 16, 1973.
5. Definitions. Telecommunication - Any transmission, emission, reception of signs, signals, writings, images and sounds or information of any nature by wire, radio, visual or other electromagnetic systems. Telemetry related to research, development, testing and the control, monitoring, operation, and maintenance of power transmission systems are excluded from this definition.
6. General. Extensive nuclear effects research conducted over a long time developed an increased awareness of the detrimental effects of EMP from high altitude nuclear bursts on the capabilities of both military and civil telecommunication systems.
7. Policy. The NCS will support development of appropriate protection from EMP effects on telecommunication facilities.
8. Responsibilities.
 - a. The Executive Agent, NCS, shall:
 - (1) Serve as the focal point within the Federal Government for EMP technical data and studies concerning telecommunications.

-Office of Primary Responsibility: NT
-Distribution: NCS

(2) Designate where EMP related information will be maintained.

(3) Coordinate all telecommunication EMP tests and studies.

(4) Inform the National Security Council, and the NCS Committee of Principals of applicable EMP tests, studies, and mitigation measures being conducted and planned.

b. The Manager, NCS shall:

(1) Disseminate information concerning the results of telecommunication EMP tests, studies, and proposed or planned mitigation measures to those elements of government having a need for such information.

(2) Recommend to the Executive Agent, NCS, and to the Committee of Principals, additional studies and tests required to determine the overall effects of high altitude bursts on telecommunications and support the development of protective measures against EMP effects.

(3) Maintain working relationship with the Director, Defense Nuclear Agency, and those agencies actively involved in conducting EMP tests and studies.

(4) Assist those elements of government involved in EMP tests and studies in developing mutual support arrangements.

c. Federal Departments and Agencies who conduct EMP tests and studies shall:

(1) Develop intra-departmental procedures for ensuring that all technical information derived from EMP tests and studies concerning telecommunications is delivered to the point designated by the Executive Agent, NCS.

(2) Coordinate with the Executive Agent, NCS for all EMP test and studies concerning telecommunication facilities and systems to ensure maximum use of available information and technical expertise to minimize duplication.

(3) Prepare an annual report to the Executive Agent, NCS, showing the status of federally funded EMP telecommunication test and study programs in their organizations.

9. Authorizing Provisions. NCS publications implementing this directive are hereby authorized.
10. Effective Date. This directive is effective immediately.
11. Expiration. This directive is in effect until superceded or cancelled.



Director
Office of Science and Technology Policy
Date:



Assistant to the President
for National Security Affairs
Date:

Summary of Changes: Initial Issuance.

*New
original*

9. Authorizing Provisions. NCS publications implementing this directive are hereby authorized.

10. Effective Date. This directive is effective immediately.

11. Expiration. This directive is in effect until superceded or cancelled.



Director
Office of Science and Technology Policy
Date:



Assistant to the President
for National Security Affairs
Date:

Summary of Changes: Initial Issuance.

old
original

NATIONAL SECURITY COUNCIL

WASHINGTON, D.C. 20506

6322

October 15, 1991

MEMORANDUM FOR DAMAR W. HAWKINS
Executive Assistant
Office of Science and Technology Policy

FROM: WILLIAM F. SITTMANN *WFS*

SUBJECT: National Communications System Issuance

At Tab A is a National Communications System (NCS) directive which establishes interagency policy and assigns EMP information responsibilities in implementing the provisions of 47 CFR 215 and Executive Order 12472 related to EMP information. Under the regulations which set up the National Communications System, an NCS issuance such as the proposed directive must be signed by the National Security Advisor and the Director of OSTP.

It is requested that the NCS issuance be signed by Director Bromley and returned. The NCS staff point of contact is Don Pilling, Extension 6923.

Attachment

Tab A National Communications System Directive

NATIONAL COMMUNICATIONS SYSTEM
Washington, D.C. 20305-2010

NCS DIRECTIVE 4-2

TECHNOLOGY AND STANDARDS

Focal Point for Electromagnetic Pulse (EMP) Information

1. Purpose. This directive establishes policy and assigns EMP information responsibilities in implementing the provisions of 47CFR215 and Executive Order 12472 related to EMP information.
2. Applicability. This directive is binding upon the Executive Agent, NCS; Manager, NCS; NCS Committee of Principals and member organizations; and other affected Federal Executive entities.
3. Authority. 47 CFR 215, "Federal Government Focal Point for Electromagnetic Pulse (EMP) Information" and Executive Order 12472, "Assignment of National Security and Emergency Preparedness Telecommunications Functions."
4. Supersession. This Directive supersedes NCS Memorandum 1-73, "Federal Government Focal Point for Electromagnetic Pulse (EMP) Information," dated November 16, 1973.
5. Definitions. Telecommunication - Any transmission, emission, reception of signs, signals, writings, images and sounds or information of any nature by wire, radio, visual or other electromagnetic systems. Telemetry related to research, development, testing and the control, monitoring, operation, and maintenance of power transmission systems are excluded from this definition.
6. General. Extensive nuclear effects research conducted over a long time developed an increased awareness of the detrimental effects of EMP from high altitude nuclear bursts on the capabilities of both military and civil telecommunication systems.
7. Policy. The NCS will support development of appropriate protection from EMP effects on telecommunication facilities.
8. Responsibilities.
 - a. The Executive Agent, NCS, shall:
 - (1) Serve as the focal point within the Federal Government for EMP technical data and studies concerning telecommunications.

-Office of Primary Responsibility: NT
-Distribution: NCS

- (2) Designate where EMP related information will be maintained.
- (3) Coordinate all telecommunication EMP tests and studies.
- (4) Inform the National Security Council, and the NCS Committee of Principals of applicable EMP tests, studies, and mitigation measures being conducted and planned.

b. The Manager, NCS shall:

(1) Disseminate information concerning the results of telecommunication EMP tests, studies, and proposed or planned mitigation measures to those elements of government having a need for such information.

(2) Recommend to the Executive Agent, NCS, and to the Committee of Principals, additional studies and tests required to determine the overall effects of high altitude bursts on telecommunications and support the development of protective measures against EMP effects.

(3) Maintain working relationship with the Director, Defense Nuclear Agency, and those agencies actively involved in conducting EMP tests and studies.

(4) Assist those elements of government involved in EMP tests and studies in developing mutual support arrangements.

c. Federal Departments and Agencies who conduct EMP tests and studies shall:

(1) Develop intra-departmental procedures for ensuring that all technical information derived from EMP tests and studies concerning telecommunications is delivered to the point designated by the Executive Agent, NCS.

(2) Coordinate with the Executive Agent, NCS for all EMP test and studies concerning telecommunication facilities and systems to ensure maximum use of available information and technical expertise to minimize duplication.

(3) Prepare an annual report to the Executive Agent, NCS, showing the status of federally funded EMP telecommunication test and study programs in their organizations.

9. Authorizing Provisions. NCS publications implementing this directive are hereby authorized.
10. Effective Date. This directive is effective immediately.
11. Expiration. This directive is in effect until superceded or cancelled.



Director
Office of Science and Technology Policy
Date:



Assistant to the President
for National Security Affairs
Date:

Summary of Changes: Initial Issuance.

9. Authorizing Provisions. NCS publications implementing this directive are hereby authorized.

10. Effective Date. This directive is effective immediately.

11. Expiration. This directive is in effect until superceded or cancelled.



Director
Office of Science and Technology Policy
Date:



Assistant to the President
for National Security Affairs
Date:

Summary of Changes: Initial Issuance.

old original