

Organization and Functions

# **UNITED STATES ARMY NUCLEAR AND CHEMICAL AGENCY**

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Washington, DC  
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**Unclassified**

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# ***SUMMARY of CHANGE***

AR 10-16

UNITED STATES ARMY NUCLEAR AND CHEMICAL AGENCY

This revision--

- o Updates references (para 2).
- o Reflects the addition of functions that will maintain a core of critical nuclear expertise in a downsized Army (para 5).
- o Updates USANCA mission to include biological programs and providing assistance to NATO agencies (para 4).

Effective 10 June 1993

Organization and Functions

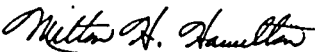
**UNITED STATES ARMY NUCLEAR AND CHEMICAL AGENCY**

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By Order of the Secretary of the Army:

GORDON R. SULLIVAN  
*General, United States Army*  
*Chief of Staff*

Official:

  
MILTON H. HAMILTON  
*Administrative Assistant to the*  
*Secretary of the Army*

**History.** This UPDATE printing publishes a revision of this publication. Because the publication has been extensively revised, the changed portions have not been highlighted.

**Summary.** This regulation on the mission and functions of the U.S. Army Nuclear and Chemical Agency (USANCA) has been revised. It describes the mission, functions, and

command and staff relationships of USANCA. This revision reflects an addition of functions that will maintain a core of critical nuclear expertise in a downsized Army.

**Applicability.** This regulation applies to the Active Army, the Army National Guard, and the U.S. Army Reserve. During mobilization or national emergency, this regulation remains in effect without change.

**Proponent and exception authority.** The proponent of this regulation is the Deputy Chief of Staff for Operations and Plans (DCSOPS). The DCSOPS has the authority to approve exceptions to this regulation that are consistent with controlling law and regulation. The DCSOPS may delegate this approval authority, in writing, to a division chief under his or her supervision within the proponent agency who holds the grade of colonel or the civilian equivalent.

**Army management control process.** This regulation is not subject to the requirements of AR 11-2.

**Supplementation.** Supplementation of this

regulation is prohibited without prior approval from HQDA (DAMO-SW), WASH DC 20310-0430.

**Interim changes.** Interim changes to this regulation are not official unless they are authenticated by the Administrative Assistant to the Secretary of the Army. Users will destroy interim changes on their expiration dates unless sooner superseded or rescinded.

**Suggested Improvements.** Users are invited to send comments and suggested improvements on DA Form 2028 (Recommended Changes to Publication and Blank Forms) directly to HQDA (DAMO-SW), WASH DC 20310-0430.

**Distribution.** Distribution of this publication is made in accordance with the requirements on DA Form 12-09-E, block number 3020, intended for command level B for Active Army, D for Army National Guard and C for US Army Reserve.

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\* This regulation supersedes AR 10-16, 15 March 1984.

**RESERVED**

## 1. Purpose

This regulation—

- a. Prescribes the mission and functions of the U.S. Army Nuclear and Chemical Agency (USANCA).
- b. Sets forth the responsibilities of the Commander, USANCA.
- c. Explains the staff relationships with Army and other Government agencies.

## 2. References

Required and related publications and prescribed and referenced forms are listed in appendix A.

## 3. Explanation of abbreviations and terms

Abbreviations and special terms used in this regulation are explained in the glossary.

## 4. Responsibilities

The mission of USANCA is to provide expert technical support and assistance to all Army elements worldwide and to other U.S. Government and North Atlantic Treaty Organization (NATO) agencies engaged in nuclear, biological, and chemical (NBC) programs. The Commander, U.S. Army Nuclear and Chemical Agency will—

- a. Advise and assist all Army elements and other U.S. Government agencies on the technical characteristics and effects of NBC weapons, and on the technical aspects of environmental restoration and cleanup at nuclear and chemical production and storage sites.
- b. Identify and recommend Army requirements and priorities for NBC weapons effects research, related directed energy weapons effects research, and related electromagnetic environments technology.
- c. Manage NBC weapons effects data bases. Ensure Army-wide consistency in models used to predict responses to, and hazards associated with, these effects.
- d. Establish nuclear and NBC contamination survivability criteria for materiel systems required to survive on the NBC battlefield. (See AR 70-60 and AR 70-71.)
- e. Conduct operations and provide the Directors (one for nuclear survivability matters and one for NBC contamination survivability matters) of the Nuclear and Chemical Survivability Committee Secretariat. (See AR 15-41.)
- f. Participate in international standardization of NBC matters. Provide the principal United States representative and act as Department of Defense action agent for NATO Panel VII (NBC Defense) and NATO NBC Operations Interservice Working Party. Provide the Standing Chairman of the American-British-Canadian-Australian Quadripartite Working Group on NBC Defense.
- g. Prepare and publish appropriate NBC-related literature necessary for performing assigned functions. Ensure consistency and eliminate redundancy in other Department of the Army-level NBC literature.
- h. Develop and maintain Joint Publications 3-12.2 and 3-12.3 on nonstrategic nuclear weapons employment, serving as Primary Review Authority for these manuals. Ensure that Joint Publication 3-12.1 reflects Army needs by assisting the Air Force in its development.
- i. Maintain the Army's capability to advise and assist Commanders-in-Chief in all aspects of nuclear weapons planning, analysis, coordination, and command and control techniques. Establish Mobile Training Teams (MTTs) to maintain vulnerability assessment, targeting and employment planning proficiency in theater components and other appropriate headquarters.
- j. Advise and assist U.S. Army Training and Doctrine Command in preparation and updating of the Functional Area 52 Nuclear Weapons Officers Course and the 5H Nuclear/Chemical Targeting Course.
- k. Serve as the principal advisor to the proponent for the nuclear weapons officer functional area.
- l. Evaluate nuclear weapon safety by participating in operational

safety reviews and system safety studies. Chair and provide a member to the U.S. Army Nuclear Weapon Systems Safety Group. (See AR 50-4.)

m. Evaluate chemical safety associated with chemical demilitarization plant and storage facility operations, and review chemical safety policies. Conduct safety assistance visits to this end. Assist the Army Staff in formulating safety policies for storage, destruction and recovery of chemical agents and munitions.

n. Conduct worldwide nuclear and chemical surety assistance visits, and undertake other actions to clarify surety policy and regulations. (See AR 50-5, AR 50-5-1, AR 50-6 and AR 190-59.) Advise the Army Staff of concerns, trends, and needed corrective actions.

o. Develop chemical accident and incident response and assistance (CAIRA) operations procedures. Assist in the development of nuclear accident and incident response and assistance (NAIRA) operations procedures.

p. Maintain the Army nuclear and chemical storage location data base.

q. Validate nuclear weapon publications account requirements for the Army. Participate as required in the Joint Nuclear Weapons Publication System.

r. Conduct studies and analyses of nuclear and chemical weapons and force issues as required.

s. Support the Army Staff in determining nuclear and chemical weapon stockpile readiness and requirements. Recommend actions to maintain, upgrade, modernize, retrograde, and demilitarize these stockpiles.

t. Participate as required in the Chemical Stockpile Emergency Preparedness Program (CSEPP).

u. Advise and assist Department of Energy, national laboratories, and other agencies involved in technical aspects of the development of nuclear weapons systems. Provide membership on warhead project officer groups and other groups, committees, or teams constituted for developing these systems and related equipment.

v. When directed by the Deputy Chief of Staff for Operations and Plans (DCSOPS), initiate research and development (R&D) actions for nuclear weapon systems. Prepare, coordinate, and maintain military characteristics and stockpile-to-target sequence requirement documents to support the R&D of these systems and related equipment.

w. Provide operational and technical input for policy formulation on the Army's response to improvised NBC devices. Establish and maintain dialogue on this subject with appropriate organizations of the Army, other Services, and other government agencies.

x. Maintain liaison and exchange information with Army elements and other government agencies, as required, to keep abreast of evolving NBC policy, doctrine, equipment, plans, and procedures.

## 5. Command and staff relationships

a. USANCA is a field operating agency of the DCSOPS.

b. The Commander, USANCA, also serves as the Director of Space and Special Weapons, Office of the DCSOPS.

c. USANCA is authorized to communicate directly with any Government agency, organization, or person to support its mission. Copies of such communications will be furnished simultaneously to appropriate commanders or agencies. Formal tasking will be submitted through appropriate channels.

d. Any person, Army-wide, may contact USANCA directly for advice or assistance on any NBC matter. Contact with USANCA does not relieve elements from complying with required reporting.

e. USANCA information will be made available to other government agencies based on a need-to-know basis. Release will be as prescribed by security procedures.

f. When directed, USANCA personnel will represent the Army Staff.

## **Appendix A References**

### **Section I Required Publications**

#### **AR 15-41**

Nuclear and Chemical Survivability Committee. (Cited in para 4e).

#### **AR 50-4**

Safety Studies and Reviews of Nuclear Weapon Systems. (Cited in para 4l).

#### **AR 50-5**

Nuclear and Chemical Weapons and Materiel, Nuclear Surety. (Cited in para 4n)

#### **AR 50-5-1**

Nuclear Weapon Surety/Security. (Cited in para 4n).

#### **AR 50-6**

Nuclear and Chemical Weapons and Materiel, Chemical Surety. (Cited in para 4n).

#### **AR 70-60**

Nuclear Survivability of Army Materiel. (Cited in para 4d).

#### **AR 70-71**

Nuclear, Biological, and Chemical Contamination Survivability of Army Materiel. (Cited in para 4d).

#### **AR 190-59**

Chemical Agent Security Program. (Cited in para 4n).

### **Section II Related Publications**

### **Section III Prescribed Forms**

### **Section IV Referenced Forms**

## **Glossary**

### **Section I**

#### **Abbreviations**

##### **CAIRA**

chemical accident and incident response and assistance

##### **CSEPP**

Chemical Stockpile Emergency Preparedness Program

##### **DCSOPS**

Deputy Chief of Staff for Operations and Plans

##### **NAIRA**

nuclear accident and incident response and assistance

##### **NATO**

North Atlantic Treaty Organization

##### **NBC**

nuclear, biological and chemical

##### **R&D**

research and development

##### **USANCA**

U.S. Army Nuclear and Chemical Agency

### **Section II**

#### **Terms**

This section contains no entries.

### **Section III**

#### **Special Abbreviations and Terms**

This section contains no entries.

## **Index**



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