

**§ 650.138 Reports.**

Installation commanders will provide reports on disposition of pharmaceutical drugs as required.

RADIOACTIVE MATERIALS, EXPLOSIVES,  
AND CHEMICAL WARFARE AGENTS

**§ 650.139 Radioactive materials and nuclear accidents and incidents.**

(a) Policies and procedures applicable to nuclear accidents and incidents are given in AR 40-13, AR 50-5, AR 360-5, AR 385-40, and AR 755-15. The handling, use, and disposal of radioactive materials will be in accordance with applicable Army regulations and will be in such a manner so as not to contribute to pollution of the environment; within imminent safety and health considerations. Procedures may be found in Army guidance dealing with medical services, nuclear weapons and material, transportation and travel, explosives, safety, logistics, and disposal of supplies and equipment directives.

(b) The handling and control of radioactive material and other sources of ionizing radiation will be in accordance with AR 40-37 and AR 700-52. The temporary storage of radioactive materials, prior to shipment for transfer or disposal, will be in accordance with AR 40-5, AR 40-37, AR 700-52, AR 755-15, TM 3-261 and 10 CFR part 20.

(c) The shipment and disposal of radioactive materials will be in accordance with AR 55-55, AR 755-15, and DOT and Nuclear Regulatory Commission regulations.

(d) For existing activities, the local disposal of radioactive materials by release to the sanitary sewerage systems and other radioactive effluents to the environment will be as low as readily achievable and in accordance with AR 755-15 and rules, regulations and the requirements of the Nuclear Regulatory Commission and the Environmental Protection Agency.

(e) Special problems on radioactive waste disposal will be referred through command channels to Commander, U.S. Army Materiel Development and Readiness Command (ATTN: AM CSF-P), 5001 Eisenhower Avenue, Alexandria, Va 22333.

(f) All nuclear reactor facilities will be monitored for discharges of gaseous,

liquid or particulate effluents to prevent contamination of the environment in accordance with chapter 4, AR 385-80.

(g) Installation commanders will provide reports on handling, use, inventory or disposal of radioactive materials and monitoring as requested by DA, EPA, Nuclear Regulatory Commission or other Federal agencies, and on nuclear accidents/incidents as required by AR 385-40.

(h) The Environmental Protection Control Report—Radiation Pollution, Category 4, (RCS (DD-I&L(SA) 1383). The Radiation section of the semi-annual Environmental Pollution Control report is designed to provide information to HQDA on phased or coordinated plans for prevention or control of radiation pollution for submission to Office of the Secretary of Defense and Office of Management and Budget. See subpart J of this part for reporting procedures and guidance.

(i) All new activities and modification of existing facilities which involve the continuous release of radioactive materials in effluents to air, water or sanitary sewerage systems will not exceed 1 percent of the activity concentration as specified in National Council on Radiation Protection and Measurement Report No. 22 (National Bureau of Standards Handbook No. 69) and 10 CFR part 20 when averaged over 1 month. Batch releases will be averaged over the actual time of release and will not exceed the levels/concentrations as stated above.

**§ 650.140 Explosive ordnance.**

(a) Policies and procedures applicable to explosive ordnance materials are contained in AR 75-1, AR 75-14, AR 75-15, AR 385-60, AR 385-64, and AR 755-15 series regulations dealing with disposal of supplies & equipment. The disposal of deteriorated ammunitions and explosives will be in accordance with Army regulations in the 75, 385 and 755 series. Every effort will be made to dispose of these wastes so as not to contribute to the pollution of the environment within personnel safety considerations for Explosive Ordnance Disposal and Technical Escort Emergency Operations.

(b) Deteriorated or unused explosives, munitions and rocket propellants may only be open-burned in non-urban areas and under conditions acceptable to Regional EPA and appropriate State Air Pollution Control authorities. Where there is an official prohibition against burning of such wastes, notification of restrictions and/or requests for assistance will be submitted through command channels to DAEN-ZCE.

(c) Installation commanders will provide reports to DA, as requested, on the handling, use, inventory or disposal of explosive materials and on explosive accidents/incidents as required in AR 385-40.

**§ 650.141 Chemical warfare agents.**

(a) The handling, use, and disposal of chemical warfare agents, ammunition, and explosive materials will be in accordance with Army regulations and will be in such a manner so as not to contribute to the pollution of the environment. Procedures may be found in Army directives dealing with transportation and travel, explosives, safety, and disposal of supplies and equipment. The safety program for chemical agents and associated weapon systems is prescribed in AR 385-61. Further, disposal of chemical warfare agents will be planned in accordance with the National Environmental Policy Act of 1969, Pub. L. 91-190 (42 U.S.C. 4321 *et seq.*), Military Appropriation Acts Pub. L. 91-121, section 409 and Pub. L. 91-441, section 506.

(b) Installation Commanders will provide reports through command channels to DA as requested on handling, use, inventory, or disposal of chemical warfare agents and as required on chemical accidents/incidents as outlined in AR 385-40. Disposal guidance can be obtained from the Commander, U.S. Army Edgewood Arsenal who, in conjunction with the Commander, U.S. Army Environmental Hygiene Agency, Aberdeen Proving Ground, Md. 21010, will provide data.

TABLE 6-2—RELATED PUBLICATIONS

Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) as amended by the Federal Environmental Pesticide Control Act of 1972, Pub. L. 92-516. (title 7 U.S.C. 135-135K, 136-136Y (1972)).

Federal Water Pollution Control Act Amendments of 1972 (title 33 U.S.C. 1151 *et seq.*).

Marine Protection, Research and Sanctuaries Act of 1972 (86 Stat. 1052).

Solid Waste Disposal Act as amended (title 42 U.S.C. 3251 *et seq.*).

AR 40-5 Health and Environment.

AR 40-7 Use of Investigational Drugs in Humans and the Use of Schedule I Controlled Drug Substances.

AR 40-13 Radiological Emergency Medical Teams (REMT).

AR 40-37 Licensing and Control of Radioactive Materials for Medical Purposes.

AR 40-61 Medical Logistics Policies and Procedures.

AR 40-574 Real Property Dispersal of Pesticides.

AR 50-5 Nuclear Surety.

AR 50-6 Chemical Surety.

AR 55-55 Transportation of Radioactive and Fissile Material Other Than Weapons.

AR 55-56 Transportation of Dangerous or Hazardous Chemical Materials.

AR 55-228 Transportation by Water of Explosives and Hazardous Cargo.

AR 55-355 Military Traffic Management Regulation.

AR 75-1 Malfunctions Involving Ammunition and Explosives.

AR 75-14 Interservice Responsibilities for Explosive Ordnance Disposal.

AR 75-15 Responsibilities and Procedures for Explosive Ordnance Disposal.

AR 360-5 General Policies.

AR 360-43 Information Guidance—Nuclear Accidents and Nuclear Incidents.

AR 385-10 Army Safety Program.

AR 385-16 System Safety.

AR 385-30 Safety Color Code Markings and Signs.

AR 385-32 Protective Clothing and Equipment.

AR 385-40 Accident Reporting and Records.

AR 385-60 Coordination with Armed Services Explosives Safety Board.

AR 385-61 Safety Program for Chemical Agents and Associated Weapon Systems.

AR 385-64 Ammunition and Explosives Safety Standards.

AR 385-80 Nuclear Reactor Health and Safety Program.

AR 420-74 Natural Resources—Land, Forest, and Wildlife Management.

AR 420-76 Pest Control Services.

AR 420-77 Restrictions on Use of Herbicide 2,4,5-T.

AR 700-52 Licensing and Control of Sources of Ionizing Radiation.

AR 750-20 Prevention, Control, and Abatement of Pollution from Mobile Equipment.

AR 755-15 Disposal of Unwanted Radioactive Material.

TM 3-261 Handling and Disposal of Unwanted Radioactive Material.