

Document Separator Sheet



Document Title:

PROCEDURES FOR RECEIPT , STORAGE AND HANDLING OF RADIOACTIVE MATERIAL SHIPMENTS

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DEPARTMENT OF THE NAVY

NAVAL SUPPLY SYSTEMS COMMAND

WASHINGTON, D.C. 20376

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NAVSUP INSTRUCTION 5101.11B

Subj: PROCEDURES FOR RECEIPT, STORAGE AND HANDLING OF RADIOACTIVE MATERIAL SHIPMENTS

Ref: (a) NAVSUPINST 4000.34P
(b) NAVSUPINST 5101.6C
(c) NAVSUPINST 3400.5A
(d) NAVSUPPUB 505
(e) NAVSUPINST 5101.9B
(f) 10 CFR 71
(g) 10 CFR 20
(h) NAVSUPINST 4610.33C

(A)

Incl: (1) Procedures for receipt and temporary storage of radioactive material
(2) Quality Assurance for radioactive material packages
(3) Shipment/Transportation Procedures for radioactive material
(4) Special Supply Procedures for Iridium 192 and Cobalt 60 Radiographic Isotopes
(5) Emergency response plan for radioactive material mishaps

(R)

A)

1. Purpose. To provide procedures for the safe and proper handling of Nuclear Regulatory Commission (NRC) licensed radioactive material during temporary storage incident to transporting radioactive material to and from naval activities. A collateral purpose of these procedures is to assist activities in complying with Federal Regulations governing NRC licensed radioactive material.

2. Cancellation. NAVSUPINST 5101.11A

3. Scope. These procedures apply to radioactive materials specifically licensed by NRC which are received, temporarily stored, and transferred by supply activities or departments to a naval activity or other organizations possessing an authorization or license for use. These procedures do not apply to nuclear weapons and/or nuclear components, stock numbered radioactive commodities requisitioned and generally distributed within the Navy under specific NRC licenses or other radioactive material not specifically licensed by the NRC. General instructions for the handling of radioactive commodities in the supply system are contained in reference (a). Various NRC licensed radioactive commodities in the supply system are governed by references (b) and (c). Guidance for the safe transport of radioactive materials in military aircraft is contained in reference (d). Reference (e) contains radioactive material disposal guidance. NRC quality assurance requirements for packaging of radioactive materials are contained in reference (f). Reference (g) contains NRC standards for the protection of personnel against radiation. Reference (h) prescribes responsibilities and procedures for implementing the Transportation Discrepancy Report (TDR).





NAVSUPINST 5101.11B

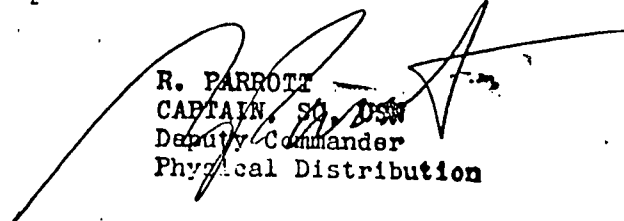
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4. Background. Naval Supply activities and supply departments, frequently receive, and temporarily store radiographic sources, radioactive wastes and other nonstock numbered specifically licensed radioactive material incident to transportation to and from naval activities and users. The NRC has ruled that all the above supply activities for specifically licensed radioactive material must also be licensed and has issued NRC license number 08-05970-17 to the Department of the Navy. In accordance with the requirements of this license, the procedures contained in enclosure (1) of this instruction for receipt and storage of radioactive material incident to transshipment to authorized naval activities shall be implemented. Enclosure (2) contains guidelines for supply activities concerning quality assurance procedures for radioactive material packages. Enclosure (3) provided specific procedures that shall be implemented in the shipment and transportation of radioactive material. Enclosure (4) provides specific procedures that shall be implemented in the acquisition and transshipment of Iridium 192 and Cobalt 60 radiographic sources. Enclosure (5) contains radioactive material mishap emergency response plan guidelines for supply activities.

5. Action. Commanding Officers of supply centers, supply depots, activities with supply departments, and authorized Navy Ships shall:

- A) a. Designate a Radiation Safety Officer who shall be responsible for the command's radiation safety program.
- R) b. Develop and maintain standard operating procedures, as necessary, to implement the procedures of enclosures (1), (2), (3), (4) and (5).
- c. In accordance with reference (a), ensure all personnel who work with radioactive material are provided a minimum of annual training, or more frequently if deemed necessary, concerning the potential hazard introduced by work with ionizing radiation.
- d. Ensure all personnel who offer packages containing radioactive material for shipment verify compliance with the packaging standards for each item as outlined in enclosure (2).
- e. Ensure personnel involved in shipping, packaging and stocking of material governed by this instruction maintain up to date applicable regulations under 10 CFR 20, 10 CFR 71, and 49 CFR.
- f. Submit all requisitions for Iridium 192 and Cobalt 60 radiographic isotopes by message directly to the Navy Ships Parts Control Center (SPCC), Mechanicsburg, Pennsylvania.

6. Reports. Reports Control Symbol NAVSUP 5101-5 has been assigned to the reporting requirement in paragraph VI 2 of enclosure (1).


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