



DEPARTMENT OF THE NAVY
BUREAU OF MEDICINE AND SURGERY
7700 ARLINGTON BOULEVARD
FALLS CHURCH VA 22042

BUMEDINST 1500.27B
BUMED-N10
18 Sep 2024

BUMED INSTRUCTION 1500.27B

From: Chief, Bureau of Medicine and Surgery

Subj: RADIATION HEALTH TRAINING FOR DESIGNATED MEDICAL DEPARTMENT PERSONNEL

Ref: (a) OPNAVINST 6470.2D
(b) NAVMED P-5055 of February 2011

1. Purpose. To prescribe procedures for Radiation Health Program training for designated Navy Medicine personnel other than Undersea Medical Officers and Undersea Medical Examiners (Medical Corps Officer Navy Officer Billet Classification 0107, Additional Qualification Designator 6UA), who are trained and credentialed to perform Radiation Medical Examinations (RME) and Nuclear Field Duty Examinations. This revision clarifies personnel training requirements specified in paragraph 5. This is a complete revision and should be read in its entirety.

2. Cancellation. BUMEDINST 1500.27A.

3. Scope and Applicability. This instruction applies to all Navy and Marine Corps activities, ashore or afloat, who perform RMEs and Nuclear Field Duty Examinations in support of the Navy Radiation Health and Nuclear Propulsion Programs.

4. Background. Navy Medicine personnel, both military and civilian, require knowledge of the radiation health program to support radiological control programs described in reference (a). Radiation health protection requirements are described in reference (b). To support the proper conduct of RMEs and Nuclear Field Duty Examinations for programs described in references (a) and (b), the Radiation Health Indoctrination (RHI) course (B-5A-1050) within the Catalog of Navy Training Courses is conducted by the Naval Undersea Medical Institute (NUMI), Groton, Connecticut.

5. Policy

a. The RHI course is required for assignment to the billets listed in subparagraphs 5a(1) through 5a(4) of this instruction, and should be completed prior to reporting or as soon as possible thereafter:

- (1) The senior medical officer billet on nuclear powered surface ships.

(2) At least one of the medical officers assigned to submarine tenders. An assigned undersea medical officer can serve this purpose.

(3) At least one medical officer at each medical treatment facility providing support to shipyards that perform maintenance and overhaul on nuclear powered ships, naval nuclear power training sites, or nuclear weapons capable commands. Local commands may determine that additional providers require this training to support the mission.

(4) All physicians, physician assistants, or nurse practitioners who perform the physical examination portion of the RME and all physicians who perform the final review of the RME.

b. RHI training is valid for 5 calendar years from the date of NUMI certification.

c. Other Navy Medicine personnel (e.g., radiation health program managers, health science technicians, etc.) are encouraged to attend the RHI course to support maintaining the Navy's high-integrity radiation monitoring programs.

6. Action

a. Commanders, commanding officers, and officers in charge must ensure personnel under their command receive Radiation Health Indoctrination Training, per reference (b), and this instruction.

b. The NUMI Officer in Charge has quota control and will approve and adjudicate course assignments.

7. Records Management

a. Records created as a result of this instruction, regardless of format or media, must be maintained and dispositioned per the records disposition schedules located on the DON Assistant for Administration, Directives and Records Management Division portal page at <https://portal.secnav.navy.mil/orgs/DUSNM/DONAA/DRM/Records-and-InformationManagement/Approved%20Record%20Schedules/Forms/AllItems.aspx>.

b. For questions concerning the management of records related to this instruction or the records disposition schedules, please contact the local records manager or the OPNAV Records Management Program (DNS-16).

8. Review and Effective Date. Per OPNAVINST 5215.17A, Director, Clinical Operations, Policy, and Standards (BUMED-N10) will review this instruction annually around the anniversary of its issuance date to ensure applicability, currency, and consistency with Federal, Department of Defense (DoD), Secretary of the Navy and Navy policy and statutory authority using OPNAV 5215/40 Review of Instruction. This instruction will be in effect for 10 years, unless revised or cancelled in the interim and will be reissued by the 10-year anniversary date if

BUMEDINST 1500.27B
18 Sep 2024

it is still required, unless it meets one of the exceptions in OPNAVINST 5215.17A, paragraph 9. Otherwise, if the instruction is no longer required, it will be processed for cancellation as soon as the need for cancellation is known following the guidance in OPNAV Manual 5215.1 of May 2016.



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Releasability and distribution:

This instruction is cleared for public release and is available electronically only via the Navy Medicine Web Site, <https://www.med.navy.mil/directives/>