

DEPARTMENT OF THE ARMY  
WASHINGTON 25, D. C., 21 April 1958

**MEDICAL SERVICE**

**RECORDS OF EXPOSURE TO IONIZING RADIATION**

SPECIAL REGULATIONS  
No. 40-1025-66

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1. **Purpose.**—These regulations prescribe the method for recording data pertaining to persons exposed to hazardous ionizing radiation.

2. **Definition.**—The term "dosimetry" as used herein is the accurate and systematic determination of ionizing radiation exposure received from sources of ionizing radiation.

3. **Maintenance of dosimetry records.**—Because of the possible latent residual effects and the cumulative factor involved when persons are subjected to ionizing radiation received from sources of ionizing radiation, the following procedures will govern the maintenance of dosimetry records:

a. **Combat exposure.**—This type of exposure is that in which the individual is subjected to infrequent exposure as the result of tactical operations in a combat zone. Individual exposure records will not be maintained for personnel exposed under these circumstances.

b. **Noncombat exposure.**—This type of exposure is that in which the individual is subjected to frequent exposure. Personnel performing research and development activities, laboratory activities, handling of sources of ionizing radiation, and atomic weapons tests or training activities are examples of this group. Individual records will be prepared and maintained for each person in this group. Each record will be prepared and maintained by the personnel officer based upon information received from Signal Corps photographic laboratory facilities, and will show date of exposure, amount of exposure in milliroentgens, duration of exposure in hours and minutes, and a space for remarks such as limitations on assignment because of such exposure. Each record will be signed by the personnel officer, and become a permanent part of the field military 201 file or the civilian personnel 201 file, whichever is applicable, so that a medical officer can evaluate the data from time to time and make such recommendations as may be appropriate.

c. **Personnel exposed to X-ray radiation.**—Records will be maintained in accordance with TB Med 62.

re also will be recorded. When possible, the time of exposure in minutes, hours, days, or weeks. In some circumstances, it will be necessary to state the approximate period of exposure. Each record will be signed by the personnel officer. Each record will become a permanent part of the field military 201 file, whichever is applicable, so that a medical officer can evaluate the data from time to time and make such recommendations as may be appropriate. In the event the 201 files of personnel exposed to ionizing radiation are not available, the records of personnel exposed to ionizing radiation will be prepared and maintained by the personnel officer having custody of the records.

**X-ray radiation.**—Records will be maintained in accordance with TB Med 62.

**Individual medical records.**—Individual medical records will be prepared when individual is exposed to or resulting from ionizing radiation.

Processing of film badge inserts is a Signal Corps activity. Inserts will be processed by the Signal Corps.

DEPARTMENT OF THE ARMY:

M. B. RIDGWAY,  
General, United States Army  
Chief of Staff.

Army,

S/S by AR 40-414,  
Dec. 15 4

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No. 40-1025-66

DEPARTMENT OF THE ARMY  
WASHINGTON 25, D. C., 12 October 1953

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a. **Combat exposure.**—This type of exposure is that in which the individual is subjected to infrequent exposure as the result of tactical operations in a combat zone. Individual exposure records will not be maintained for personnel exposed under these circumstances.

b. **Noncombat exposure.**

(1) **General.**—This type of exposure is that in which the individual is subjected to frequent exposure. Personnel engaged in research and development activities, laboratory activities, handling of sources of ionizing radiation, and atomic weapons tests or training activities are examples of this group.

(2) **Preparation and maintenance of individual records.**—Individual records for each person in this group will be prepared and maintained by the personnel officer. Where film badges are used, Signal Corps photographic laboratory facilities will process the badges and furnish to the unit the record of exposure present on the film badges. For each individual exposed to hazardous ionizing radiation, the record prepared by the personnel officer will show the date of exposure, amount of exposure in milliroentgens, and space for remarks such as limitations on assignment because of such exposure. The

These regulations supersede SR 40-1025-66, 21 April 1953.  
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