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13 Jan 56
CTSG NO. 146434FILE NO. 4445
MEDNESUBJECT: Maintenance of Radiation Exposure Records
and Availability of Dosimeters (U)

TO: CCm10

FROM: TSG

DATE: 3 Feb 1956

COMMENT NO. 2
Major Hilcken/65957

1. It is believed that the basis of issue shown in paragraph 2, Comment No. 1, should be expanded to include provisions for such teams and detachments as may be operating separately. A small reserve might also be made available to units responsible for furnishing combat patrols so that an estimate of radiation hazard over the routes taken by patrols might be obtained. This matter was discussed during the conference on doctrine for use of the ELR3 chemical dosimeter held in your office on 22 July 1954.

2. In the interest of relieving small unit commanders of paper work, tactical dosimeter readings can be reported through normal intelligence and command channels. This was also discussed at the 22 July 1954 meeting.

3. General adoption of the following classification for personnel dosimetry might assist in clarification of the problem of recording exposure:

a. Technical dosimetry - designed for individuals exposed routinely to radiation. This is a non-combat type of exposure and is treated in AR 40-4114, 16 December 1954.

b. Tactical dosimetry - designed to obtain estimates of exposure of units or groups to radiation. The concept here is issuance of instruments to selected personnel on a basis such as that given in paragraph 2, Comment No. 1. This is combat dosimetry.

c. Administrative dosimetry - designed for measurement of individual exposure to radiation in combat or combat-related situations. This supposes existence of a suitable instrument and is not as yet practicable.

4. A proposed joint regulation, "Record of Exposure to Ionizing Radiation" is presently being prepared by the Air Force. It prescribes the method of recording exposure to ionizing radiation of Armed Services personnel on a form bearing the same title as the regulation. It does not apply to combat exposures of Army personnel. The regulation is presently out for formal and final concurrence by the Departments of the Navy and the Army.

5. The need for distinction between CONUS and overseas commands made in paragraph 8a, Inclosure 1, is not believed to be necessary. From a practical viewpoint, combat exposures cannot be individually and adequately recorded. Therefore, only individual non-combat, or technical exposures, are made a matter of record.

Declassified by CBDCOM
Security Classification
Review Board 31 Mar 95

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COMMENT NO. 2 REGRADED
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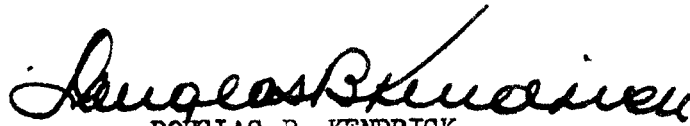
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6. Action is being taken by this office to rescind paragraph 7c(2), Appendix II, DA TC 33, 5 November 1952, as being inconsistent with present policy as stated in paragraph 4b, AR 40-411, 16 December 1954.

7. No information is available in this office as to present or proposed basis of issue of dosimeters to troop units.

FOR THE SURGEON GENERAL:



DOUGLAS B. KENDRICK
Colonel, M. C.
Executive Officer

1 Incl
n/c

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SECURITY CLASSIFICATION (if any)
Control No. 181-56-0

DISPOSITION FORM

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FILE NO. CMLPD-CA	SUBJECT Maintenance of Radiation Exposure Records and Availability of Dosimeters (U)
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TO TSG	FROM CCm10	DATE 13 Jan 1956 LtCol Morey/74981/rk	COMMENT NO. 1
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1. The inclosed letter from Headquarters, Third Army, indicates that a problem exists concerning maintenance of radiation exposure records and availability of dosimeters.

2. In CONARC letter, ATDEV-1 413.6/43(C)(14 Oct 55), to Chief, P&D, DA, a recommendation for basis of issue for the EM-93/UD tactical dosimeter was made as follows:

- a. one (1) per platoon (or similar unit)
- b. two (2) per company headquarters (or similar unit)
- c. four (4) per battalion and regimental headquarters
- d. ten (10) per division and corps headquarters
- e. twenty-five (25) per army headquarters

3. The tentative basis of issue for tactical dosimeters as outlined above does not permit the keeping of radiation exposure records on personnel under tactical conditions nor is it believed to be a matter that could be accomplished from a practical point of view; however, some general data about a squad, platoon or company might be entered on the back of the morning report and be considered as part of the unit history.

4. In view of the complexity of this problem, request additional information to be used as basis for reply to the inclosed letter.

FOR THE CHIEF CHEMICAL OFFICER:

B. R. BIERER

B. R. BIERER
Lt Colonel, CmlC

for: W. R. CURRIE, Brigadier General, USA
Asst CCm10 for Planning and Doctrine

1 Incl
Ltr, 9 Dec 55, subj
as above, fr 3A

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REFERENCE REQUEST—FEDERAL RECORDS CENTERS

NOTE: Use a separate form for each request.

SECTION I—TO BE COMPLETED BY REQUESTING AGENCY

ACCESSION NO. 125 59A 1403	AGENCY BOX NUMBER - OF	RECORDS CENTER LOCATION NUMBER 25 115 41 0 0
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DESCRIPTION OF RECORD(S) OR INFORMATION REQUESTED

BOX

FOLDER (include file number and title)

REMARKS

NATURE OF SERVICE

FURNISH COPY OF RECORD(S) ONLY
 PERMANENT WITHDRAWAL
 TEMPORARY LOAN OF RECORD(S)
 REVIEW
 OTHER (Specify)

SECTION II—FOR USE BY RECORDS CENTER

<input type="checkbox"/> RECORDS NOT IN CENTER CUSTODY <input type="checkbox"/> RECORDS DESTROYED <input type="checkbox"/> WRONG ACCESSION NUMBER—PLEASE RECHECK <input type="checkbox"/> WRONG BOX NUMBER—PLEASE RECHECK <input type="checkbox"/> WRONG CENTER LOCATION—PLEASE RECHECK <input type="checkbox"/> ADDITIONAL INFORMATION REQUIRED TO IDENTIFY RECORDS REQUESTED <input type="checkbox"/> MISSING (Neither record(s), information nor charge card found in container(s) specified) <input type="checkbox"/> RECORDS PREVIOUSLY CHARGED OUT TO (Name, agency and date):	REMARKS 21 100 8 87
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DATE	SERVICE	TIME REQUIRED	SEARCHER'S INITIALS
2/16/95			DN

SECTION III—TO BE COMPLETED BY REQUESTING AGENCY

NAME OF REQUESTER Jeffery V. Smart	TELEPHONE NO. <input type="checkbox"/> FTS 410-671-4430	DATE 2/16/95	RECEIPT OF RECORDS Requester please sign, date and return this form, for file item(s) listed above, ONLY if the block to right has been checked by the Records Center.
NAME AND ADDRESS OF AGENCY (include street address, building, room no. and ZIP Code)			
Commander US Army Chemical and Biological Defense Command ATTN: AMSCB-CII/Ed Gier Bldg E3330, Technical Library Aberdeen Proving Ground, MD 21010-5423			<input type="checkbox"/> SIGNATURE _____ DATE _____