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QUARTERLY HISTORY
Training Branch
For The Period
OCTOBER - NOVEMBER - DECEMBER
1954

1. The following publications were forwarded through OCAFF to TAG for publication and distribution:

FM 3-5, Tactics and Techniques of CBR Warfare
GTA 3-6, Markings of U.S. Chemical Munitions
GTA 3-28, Assembly and Disassembly Mat, Portable Flame Thrower, M2A1
Change 2, TM 3-376, M2A1, Portable Flame Thrower
TB Cml 30, Dosimeter, Radiation, Tactical, EIR3
Change 1, TB 3-350-1, Protectors, Collective, M1A1, M2, M2A1, and M2A2

2. Comment No. 1, 5 October 1954, to Materiel Division, Research and Development Division, Administration Division, and Comptroller notified the Divisions that the Chief Chemical Officer has approved the downgrading to UNCLASSIFIED of toxicity data for GB.

The following types of information are now considered UNCLASSIFIED:

- a. LC_{50} estimated for humans and animals
- b. Physiological effects of various dosages
- c. Detailed toxicity information, including tables showing requirements for the expenditure of munitions.
- d. Any data learned from Germans which is also certainly known to a possible enemy.
- e. Labeling munitions other than experimental types filled with subject agents and labeled with their specific CW symbols.
- f. The identification of the munitions with the corresponding chemical name of the charging.
- g. Identification of subject agents and the United States CW symbols with German code names, chemical names, or formulae.

The following references are pertinent to the above decision:

- a. Staff study, P&I Division, "Regrading of GB Toxicity Information", 26 August 1954.
- b. Letter CMLTC-X 470.6, "Regrading of Toxicity Information", 27 August 1954.
- c. Letter to Commanding General, RECOM, "Regrading of GB Toxicity Information", 2 September 1954.
- d. Letter CMLNO, "Regrading of GB Toxicity Information", 26 August 1954, with 1st Indorsement from RECOM, 3 September 1954.

Material Command prepared a document, Chemical Corps Material Command Instruction No. 9.2-11, "Operational Procedures for Use in Storage, Handling, Movement, Decontamination and Disposal of E101R3 Cluster", dated 18 February 1954 and a similar document for Bulk Agents. The two documents contain references to the present figure for toxicity for GB. To be thoroughly useful, these documents should be UNCLASSIFIED. PT&I Division then prepared a staff study proposing regrading to UNCLASSIFIED GB toxicity information. This recommendation was concurred in by Material Command, RECOM, Training Command, Material Division and R&D Division. Chemical Corps Board did not concur. The Chief Chemical Officer approved, on 10 September 1954, the regrading of this information to UNCLASSIFIED.

3. Letter, 21 October 1954, subject: "Evaluation of Chemical Corps-Prepared Department of the Army Publications", was sent to all Chemical officers in the field for evaluation of published manuals prepared by the Chemical Corps (copy attached). This is the first of two actions in the evaluation of published manuals. At this time there exists a fairly complete core of published DA manuals which were prepared over a period of five years. Prior to publication, these manuals were reviewed intensely in draft form. Now, in order to be certain that the user will find that these documents meet his requirements, evaluation of the published documents is being requested. As the first of two actions, this letter requests a final analysis of the published manuals and an indication of any gaps that may exist generally in training literature.

The second action which will follow in the near future will consist of sending out questionnaires on specific manuals to determine the value of the doctrinal content of these manuals. Based upon results of these two actions, it is expected that appropriate modification will be made both to the overall manual programs in the future and to the content of specific manuals.

4. Fall-Out. The Chemical Corps Annex of Fall-Out has been completed and integrated into the overall plan with Engineers and Signal Officer. General Gavin, ACofS, G3, was briefed on the plan and he concurred in principle with the findings and recommendations of the study. Favorable comments were given by Chief of AFSWP. The Chief of Staff will be briefed about the middle of January.

5. Flame Field Expedients. A conference was held on 20 October 1954 at RECOM with representatives of OCAFF to clarify the status of flame field expedients previously suspended from use by Army Field Forces. Army Field Forces objection to the flame field expedients was based on the necessity for disassembly and/or assembly of the M15 WP Grenade. Army Field Forces agreed that a Training Circular on existing flame expedients other than the "Bunker bomb" should be

published and requested that the Chemical Corps prepare a Training Circular in final form for Army Field Forces approval. This was done and sent to Army Field Forces for approval. It was returned and suspended as a result of the "Bunker bomb" accident at Army Field Forces Board No. 3. CERL reviewed the TC for safety and furnished comments to P&I Division. Based on these comments, Training Command was directed to prepare the Training Circular. Training Command is now working on this project and will perform the necessary coordination with the Infantry School to insure lack of duplication between the TC and the field manual on "Ground Flame Warfare" being prepared by the Infantry School. Completion date of the TC is yet unknown.

6. Chemical Corps On-The-Job Training for Officers of the Arms and Technical and Administrative Services.

Reference: Comment No. 1 to DEP LOG, 11 October 1954, subject: "Chemical Corps On-The-Job Training for Officers of the Arms and Technical and Administrative Services", with 2 inclosures and Comments No. 2 and 3 thereto.

A staff study, subject as above, was prepared, based upon the following assumptions:

a. It is highly desirable to instill in the officer corps an understanding and appreciation of the capabilities and limitations of CBR warfare.

b. In event of active CBR warfare, the Arms, as well as Technical and Administrative Services, will be directly involved in this specialized warfare and must be trained to cope with it.

c. The initiation of CBR warfare in event of World War III is probable.

The Chemical Corps proposed to DEP LOG that the establishment of this on-the-job training program within the Chemical Corps for officers of the Arms and other Technical and Administrative Services will provide for the training of approximately 100 officers for a two year period in all elements of the Chemical Corps.

General Staff ruled that the proposed program was too broad in scope for economical implementation, and that the current manpower ceiling would not permit the utilization of 100 officers, of the fully qualified type, for training for two years with Chemical Corps. However, they agreed that the Chemical Corps could revise the program to provide for the training of 10 officers not to exceed one year.

A revised program was submitted with a draft of a proposed SR (or DA Circular) establishing the program.

7. The policy on Orientation Team material is contained in letter, 12 November 1954, subject: "Policy on Orientation Team Material" to Training Command (copy attached as Inclosure 2).

8. Reference Army Field Forces letter, 26 November 1954, subject: "Location and Conduct of 1955 ROTC Summer Training Camps", ROTC summer camp for Chemical ROTC students conducted at Fort McClellan, Alabama, for the past several years, has been discontinued with the completion of the 1954 incampment. In the future all Chemical ROTC students will attend General Military Science summer training camps at Fort Meade, Maryland, Fort Benning, Georgia, Fort Bragg, North Carolina, Fort Campbell, Kentucky, Fort Hood, Texas, Fort Riley, Kansas, and Fort Lewis, Washington. The operation of these summer camps will be the responsibility of Army commander in which they are located. Chief, Army Field Forces will continue to be the action agency for ROTC training. This office recommended to Army Field Forces by 1st Indorsement, 3 December 1954, to above referenced AFF letter that two (2) Chemical officers and two (2) Chemical NCO's be included on the operational staff of each CWS summer camp. These officers and NCO's should be utilized for the six (6) hour block of CWS instruction, the block of hours on the organization, mission and functioning of the Chemical Corps and other duties as desired by the camp commander.

9. Reference Radiological Defense Training for Canada (refer to third quarter history for Training Branch), the Chemical Corps School conducted a 6 week Atomic Defense Course for Canadian officer personnel beginning the 29th of October. Thirty-five (35) officers attended the course.

2 Incl

1. Cy ltr CMLNO-T,
dtd 21 Oct 54
w/1 Incl
2. Cy ltr CMLNO-T,
dtd 12 Nov 54

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