MEMORANDUM FOR: Executive Secretary, Armed Forces Epidemiological Board

SUBJECT: Disinfection of Swimming Pool Water

1. In the Army, chlorination is the only accepted method of disinfection of water used in swimming pools. In recent years, compounds containing bromine, iodine, and other elements have become commercially available for pool sanitation and have gained acceptance in civilian practice.

2. It would be appreciated if the Board would study the existing technology of disinfection of swimming pool water and furnish us the answers to the following questions:

   a. Is the method for disinfecting swimming pool water as prescribed in TB MED 163 (inclosed) still satisfactory?

   b. What compounds other than chlorine should be satisfactory for swimming pool water disinfection?

   c. Should the Army permit the use of other chemicals for water disinfection?

   d. If other compounds are recommended, what would be the dosage/residual required?

   e. Should any constraints such as pH, alkalinity, or turbidity, be imposed on any recommended compounds?

FOR THE SURGEON GENERAL:

1 Incl
TB MED 163

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