OPNAV 5216/144A (Rev. 8-81) 5/N 0107-LF-052-2320 DEPARTMENT OF THE NAVY

## Memorandum

DATE: 6 October 1986

-ROM:

10: All Operators

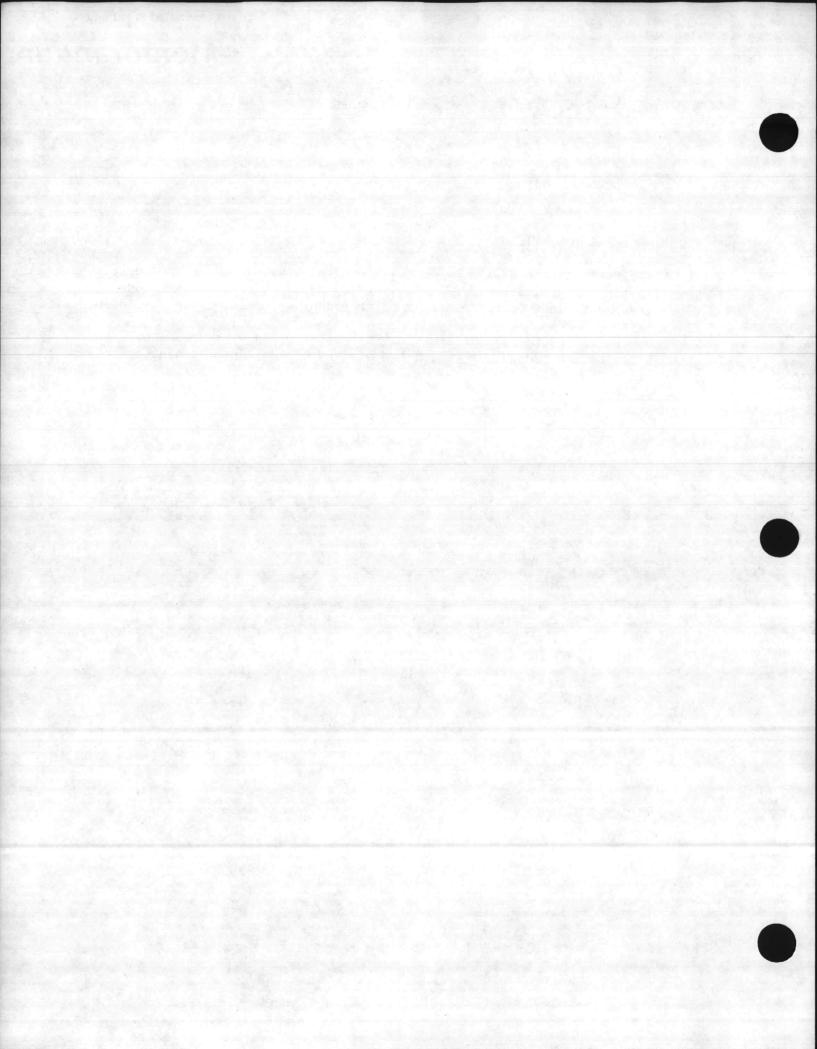
## SUBJ: FLUSHING EYEWASH STATIONS

1. All eyewash stations will be flushed for 3 minutes weekly on Thursdays. This flushing test will be logged on plant logsheet. A call will be made to Water Treatment Plant Operator Leader after flushing completed, acknowledging same.

2. Those water treatment plants without eyewashes piped with drains or without drains located nearby will use hoses and buckets until drain connection can be made.

B. M. FRAZELLE, II





OPNAV 5216/144A (Rev. 8-81) 5/N 0107-LF-052-2320 DEPARTMENT OF THE NAVY

Memorandum 5100 MAIN

DATE: 2 Oct 86

.om: Director, Utilities Branch

to: All Supervisors

SUBJ: FLUSHING OF EYEWASH STATIONS

Encl: (1) COMNAVMEDCOM Washington DC msg 041920Z Sep 86

1. Request that a program be started to comply with the enclosure. The requirement is to flush eyewash stations for at least three minutes once a week. Some method of documentation should be maintained (such as a log book) so that Base Safety can verify compliance. Since the water expended during this test will be considerable, provisions should be made for runoff to prevent unnecessary falls from stepping in puddling water. For example, those stations which are located adjacent to outside walls could be piped to the outside. Otherwise, stations will have to be puped to existing floor drains. Tickets should be requested for needed assistance.

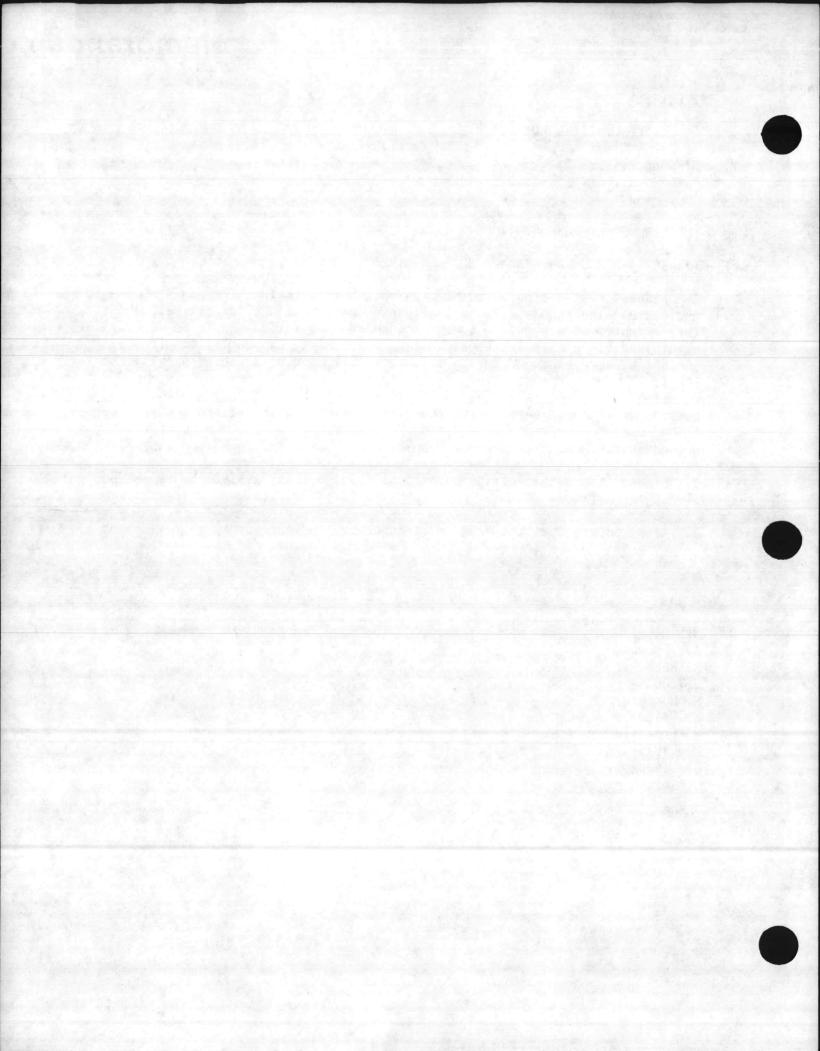
2. Please inform this office upon completion. If any assistance is needed, please let me know.

3. Also, ensure that the program is described in your SOP's.

S/ G. S. JOHNSON, JR.

DISTRIBUTION: K. Shepard B. Meadows J.V.Jones M. Humphrey W. Price M. Frazelle M. Davis J. Lisiewski G. Smith





ADMINISTRATIVE MESSAGE

RIORITY

r 041920Z SEP ZYB FM COMNAVMEDCOM WASHINGTON DC

TO AIG SEVEN SEVEN EIGHT THREE

UNCLASS //N05100//

SUBJ: ACANTHAMOEBAE IN EYEWASH UNITS

A. U.S. DEPT OF ENERGY DOE/EH-OO10 ENVIRONMENT, SAFETY AND HEALTH

BULLETIN, ISSUE NO. 15, MAY 1986 (NOTAL)

B. AMERICAN NATIONAL STANDARDS, ANSI Z358.1-1981

1. IT HAS RECENTLY COME TO OUR ATTENTION, REF A, THAT ACANTHAMOEBAE, SMALL AMOEBAE CAPABLE OF CAUSING SERIOUS EYE INJURY, WERE FOUND IN NUMEROUS PORTABLE AND STATIONARY EYEWASH STATIONS AT A GOVERNMENT ACTIVITY. SUCH INFECTIONS CAN BE PARTICULARLY SEVERE, THEY ARE DIFFICULT TO TREAT AND CAN CAUSE LOSS OF THE INFECTED EYE.

2. ACANTHAMOEBAE CAN SURVIVE CONVENTIONAL WATER PLANT TREATMENT REGIMENS. TREATING WATER IN PORTABLE STATIONS WITH CALCIUM HYPOCHLORITE TO EFFECT A FREE CHLORINE RESIDUAL OF APPROXIMATELY 25 PPM DESTROYED THE AMOEBAE BUT CAUSED CORROSION OF SOME STAINLESS EEL EYEWASH UNITS.

3. FLUSHING PLUMBED EYEWASH UNITS FOR THREE (3) MINUTES DRASTICALLY REDUCED THE NUMBER OF POSITIVE SAMPLES. ONE MINUTE FLUSHES DID LITTLE TO REDUCE THE NUMBER OF AMOEBAE.

4. REF B REQUIRES THAT PLUMBED EYEWASH UNITS BE ACTIVATED WEEKLY TO FLUSH THE LINE AND TO VERIFY PROPER OPERATION. HOWEVER, BASED ON REF A, AND BECAUSE THESE POTENTIALLY HAZARDOUS AMOEBAE MAY BE FOUND IN ANY WATER SUPPLY, NAVSEA RECOMMENDS THAT ALL PLUMBED EYEWASH UNITS BE FLUSHED FOR AT LEAST THREE (3) MINUTES ONCE A WEEK. THE WATER IN SELF CONTAIN EYEWASH STATIONS SHOULD BE CHANGED WEEKLY PENDING MORE INFORMATION ABOUT A SAFE METHOD TO DESTROY THE AMOEBAE. SELF CONTAINED EYEWASH UNITS SHOULD BE USED ONLY IN REMOTE AREAS WHERE INSTALLATION OF A PORTABLE WATER DISTRIBUTION SYSTEM IS NOT FEASIBLE.

5. ALL NAVMEDCOM ACTIVITIES WITH EYEWASH STATIONS SHALL MAINTAIN A LOG OR OTHER RECORD SUCH AS A CARD ATTACHED TO EYEWASH STATIONS, WITH THE DATE AND INITIALS OF THE TESTOR. IN AN AREA WITH SEVERAL EYEWASH STATIONS, A LOG MAY BE MAINTAINED BY THE SUPERVISOR OF THE AREA WITH THE TEST DATES AND THE NAMES OF THE PERSONS CONDUSTING THE TESTING, ALL EYEWASH STATIONS SHALL BE FLUSHED FOR A MINIMUM OF THREE (3) MINUTES PER WEEK.

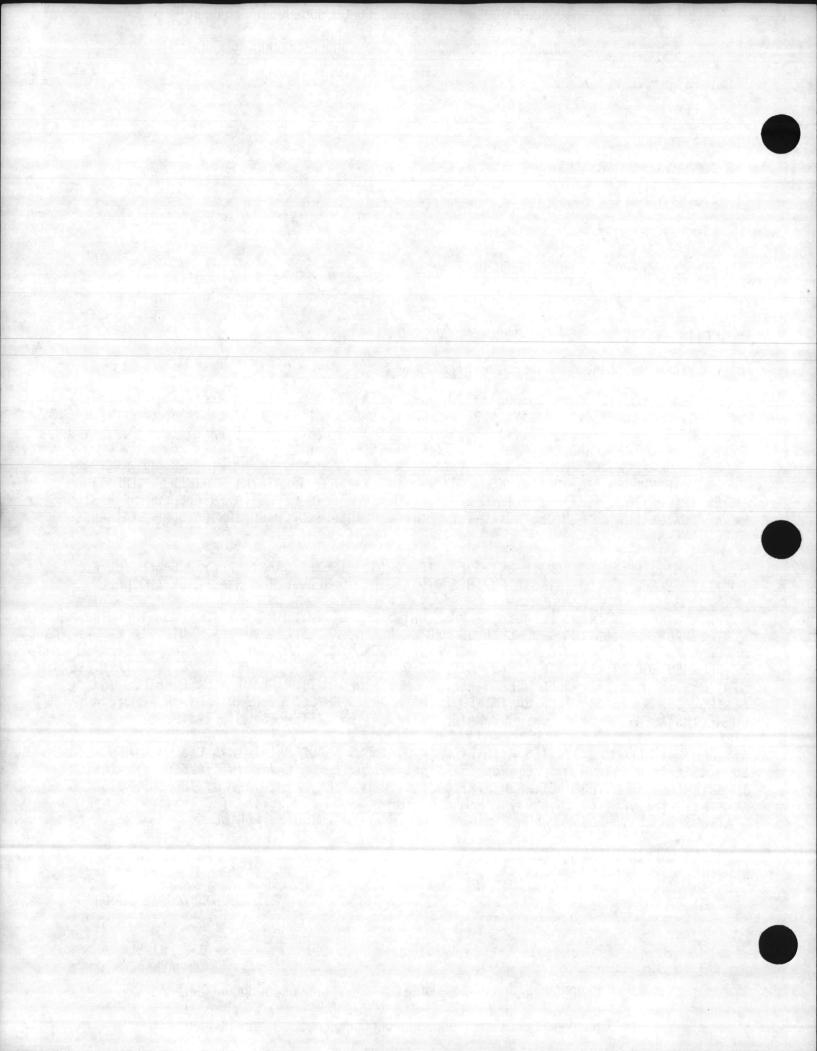
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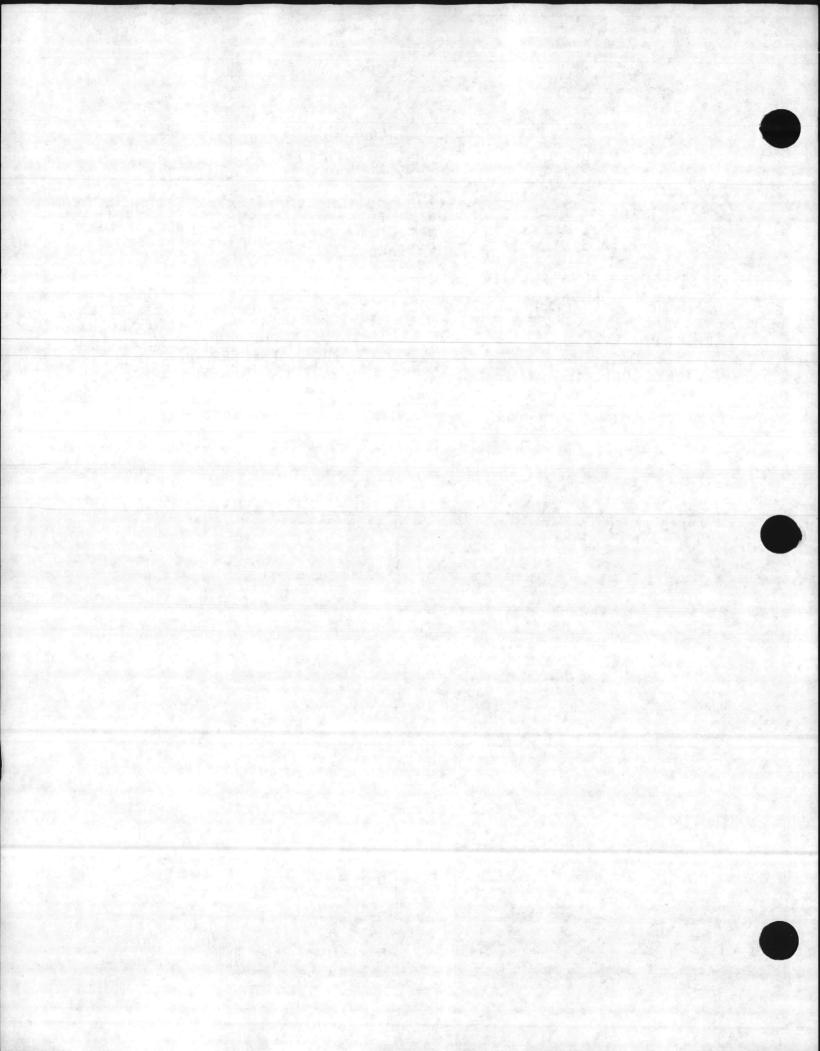
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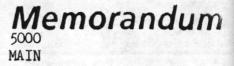
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ME: 28 January 1987

ROM: Utilities Systems General Foreman

10: All Water/Wastewater Personnel

SUBJ: WATER AND OIL SEPARATORS, WASH RACKS, UNDERGROUND VAULT PITS, MANHOLES, BACKWASH TANKS, ETC.

1. Due to the unknown contents of subject facilities, extreme caution must be exercised in their operation and maintenance.

- 2. The following procedures will be followed by all personnel.
  - a. Treat the contents as explosive and flammable. No smoking within 50 feet.
  - b. No one will enter or cross safety railings alone. This is a 2 man job.
  - c. Treat the contents as caustic and acid. Wear gloves and goggles when handling tools and equipment while performing maintenance and repair.
  - d. Wash gloves, boots, and tools thoroughly after use.
  - e. Report any unusual smells or fumes you note while operating these facilities.
  - f. No entrance will be made into these facilities without certification as safe by the "Gas Free Engineers" at Safety Office.
  - g. No welding will be done without hot work permit and proper certification of gas free engineer.

3. Some wash racks and other areas are used to purge gasoline tankers and may contain small traces of gasoline. Use extreme caution. Remember - you never know what someone may have dumped into these tanks either by accident or purpose.

B. M. FRAZELLE, II

