



UNITED STATES MARINE CORPS
 2d Marine Division, Fleet Marine Force
 Camp Lejeune, North Carolina 28542-5500

DC/S. READINESS, DIV			
ACTION	INFO	INIT	DATE
DC/S/READ	DivO 8020.2C		
ADC/S/READ	3:JEL:yrj		
READ O	10 Oct 1985		
UNITREP O			
STATS O			
READ CHIEF			
SAFETY			
		AT	851022

DIVISION ORDER 8020.2C

From: Commanding General
To: Distribution List
Subj: Nuclear Weapons Safety Program

- Ref:**
- (a) OPNAVINST 8110.18
 - (b) Appendix 1 to Annex C CINCLANTFLT OpOrd 2000 (NOTAL)
 - (c) CNO ltr 985G/C40 of 19Sep74 (NOTAL)
 - (d) CNO ltr 068P75 of 14Aug67 (NOTAL)
 - (e) OPNAVINST C5510.83E
 - (f) MCO 5510.7E
 - (g) ForO P008120.1C
 - (h) DivO 5510.5F
 - (i) Navy SWOP 25-1 (NOTAL)
 - (j) OPNAVINST 5040.6E

1. Purpose. To provide guidance, establish policy, and delineate responsibilities for safe operations with nuclear weapons within the 2d Marine Division.

2. Cancellation. DivO 8020.2B.

3. Definition. Nuclear safety is defined as the protection of nuclear weapons against unauthorized or inadvertent events which could result in damage, radioactive contamination, loss, or detonation.

4. Information. The destructive potential of nuclear weapons, attendant humanitarian considerations, and political ramifications are such that the accidental or unauthorized detonation of a nuclear weapon must be prevented. Accordingly, it is essential that a vigorous nuclear safety program be maintained at the highest possible degree consistent with operational readiness. While command emphasis and effective supervision are essential to the nuclear safety program, each individual assigned to duties involving nuclear weapons and weapons systems has the responsibility to disclose and recommend action to remove potentially hazardous procedures and situations.

5. Safety Standards. Reference (a) establishes four safety standards which provide the basis for the Navy Nuclear Weapons Safety Program. These standards are:

a. There will be positive measures to prevent weapons involved in accidents or incidents or jettisoned weapons from producing a nuclear yield.

b. There will be positive measures to prevent deliberate arming, launching, firing or releasing except upon execution of emergency war orders or when directed by competent authority.

c. There will be positive measures to prevent inadvertent arming, launching, firing or releasing.

d. There will be positive measures to ensure adequate security of the nuclear weapons.

6. Safety Rules. Proposed safety rules are coordinated by the Chief of Naval Operations (CNO) with the Director, Defense Nuclear Agency and are then forwarded to the Joint Chiefs of Staff (JCS) for approval. When approved by the JCS, they are forwarded to the Secretary of Defense (SecDef) for approval and coordination with the Department of Energy (DOE). When the rules are approved by SecDef, they are transmitted by the JCS to the CNO, who is responsible for their dissemination to appropriate Navy and Marine Corps units. Approved safety rules do not in themselves provide authority to conduct peacetime operations with a nuclear weapon system but they form the basic framework within which operations may be conducted when authorized. The approved safety rules apply specifically to peacetime operations and are mandatory for use until the declaration of a Defense Emergency or comparable state of readiness. Reference (b) provides specific guidance in this regard. The rules should be applied in wartime to the extent practicable and consistent with operational requirements. When overriding military necessity dictates a departure from the rules during wartime, commanders are enjoined to cause reinstatement of the rules as soon as the necessity for their waiving has passed. Final approved CNO safety rules for the 155mm and 8" nuclear weapons systems are contained in references (c) and (d) respectively.

7. Security Criteria and Standards. Reference (e) provides minimum security criteria and standards for safeguarding nuclear weapons which are in custody of the Navy or Marine Corps. These security measures will be augmented, as required, during periods other than peacetime. A commander may increase these minimum criteria with additional security measures within available means to protect nuclear weapons in custody of the command. Chapter XII of reference (e) specifically addresses combat operations ashore with nuclear weapons.

8. Personnel Reliability. Chapter XI of reference (e) and references (f) through (h) establish provisions pertaining

to the reliability of personnel assigned to duties involving nuclear weapons within the Department of the Navy, the Marine Corps, Fleet Marine Force, Atlantic, and 2d Marine Division, respectively.

9. Inspections. References (i) and (j) establish the Department of Defense and Department of the Navy nuclear weapons technical inspection system for Navy and Marine Corps nuclear weapons activities. The nuclear weapons technical inspection (NWTI) system is an important tool for determining the degree of safety which has been implemented by nuclear capable commands.

10. Nuclear Weapons Safety Officer (NSO). The driving force behind an effective nuclear weapons safety program is the NSO. A NSO will be designated in writing in all commands having an assigned nuclear capability and/or having operational control of forces having an assigned nuclear capability. The NSO may be assigned other duties; however, this must not prevent the NSO from adequately performing those duties connected with the safety program. The NSO's rank should be commensurate with the complexity and span of the duties assigned. The NSO should have a broad working knowledge of each system under control of the command, but need not be technically qualified in specific areas of weapon maintenance, storage, and handling. The NSO must be knowledgeable with respect to the safety rules promulgated by the CNO for the nuclear weapons systems under control of the command and must be familiar with appropriate security measures, system operational procedures, and applicable restraints thereto. The NSO must attend the Nuclear Weapons Training Group, Atlantic, Nuclear Safety Officer Course (J-2G-9062) or equivalent.

11. Nuclear Safety Council. A Nuclear Safety Council exists to effect the coordination necessary to implement a successful Nuclear Weapons Safety Program. The objective of the Nuclear Safety Council will be to determine and resolve problems impacting upon the successful prosecution of the Nuclear Weapons Safety Program and to act as a review board to ensure that all facets of the Nuclear Weapons Safety Program are functioning in an effective manner.

12. Action

a. Division Weapons Employment Officer

(1) Serve as the Division Nuclear Weapons Safety Officer.

(2) Exercise staff cognizance over the Division Nuclear Weapons Safety Program pursuant to paragraph 1004.4a of reference (g).

(3) Assist subordinate commands in the maintenance of effective nuclear weapons safety programs and procedures.

(4) Maintain a nuclear safety reading file to include but not limited to:

(a) This Order.

(b) Copies of references (a) through (j).

(c) The current edition of the "Navy Nuclear Weapons Digest."

(d) Command policies and procedures as deemed appropriate.

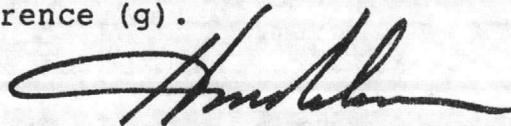
b. Commanding Officer, 10th Marines

(1) Designate in writing a regimental NSO to execute the responsibilities stipulated in paragraph 1004.4b of reference (g).

(2) Direct subordinate nuclear capable battalion commanders to appoint a NSO in writing to execute the responsibilities stipulated in paragraph 1004.4b of reference (g).

(3) Direct regimental and battalion NSO's to maintain a nuclear safety reading file as established in paragraph 12a(4) of this Order, as appropriate to weapon system.

(4) Establish a Nuclear Safety Council pursuant to paragraph 1005 of reference (g).



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Chief of Staff

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