



DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
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WASHINGTON, D.C. 20350-2000

IN REPLY REFER TO
OPNAVINST 11012.1E
N411
18 Oct 07

OPNAV INSTRUCTION 11012.1E

From: Chief of Naval Operations

Subj: CERTIFICATION PROCEDURES FOR SHORE BASED NUCLEAR
WEAPONS FACILITIES

Ref: (a) OPNAVINST 8110.18B (NOTAL)
(b) SWOP 25-2 (NOTAL)
(c) OPNAVINST 5040.6G (NOTAL)
(d) Completion Inspection Guide (NOTAL)
(e) NAVSEA OP 5, Volume I
(f) SWOP 20-7 (NOTAL)
(g) SECNAVINST S8126.1 (NOTAL)
(h) DoD S-5210.41-M (NOTAL)
(i) OPNAVINST 8020.14
(j) NAVFAC 11230.1D
(k) NAVFAC P-307

1. Purpose. To delineate Department of the Navy (DON) responsibilities and procedures for certifying shore based nuclear weapons facilities. This instruction is a complete revision and should be reviewed in its entirety.
2. Cancellation. OPNAVINST 11012.1D.
3. Summary of Change. Refines procedures and responsibilities assigned to the Director, Strategic Systems Programs (DIRSSP) and Commander, Naval Facilities Engineering Command, and updates applicable references.
4. Policy. Reference (a) implements the Department of Defense (DOD) nuclear weapons safety policy and requires certification of all facilities (i.e., buildings and installed equipment) where nuclear weapons are stored, maintained or handled. Reference (b), the Naval Atomic Planning, Support, and Capabilities (NAPSAC) listing, identifies all activities which are required to be capable of performing nuclear weapons operations. Once an activity achieves a successful facility Completion Inspection for a new nuclear weapon capability the Director, Strategic Systems Programs (DIRSSP) will certify the

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facility as having conformed to established safety, security and technical criteria in preparation for a Nuclear Weapons Acceptance Inspection (Nwai). A facility will also require a CI and a Nwai if the facility is being modified for a different nuclear weapon system. Using reference (c) guidance, commanders will demonstrate their activity's ability to integrate associated personnel, equipment and facilities in conducting nuclear weapon operations during a DIRSSP conducted Nwai. After the Nwai, commanders of designated nuclear weapons capable activities will demonstrate continued conformance to nuclear weapons capability requirements through a DIRSSP conducted Nuclear Weapons Technical Inspections (NWTIs), reference (c).

5. Background. Navy shore activities whose mission support role includes a nuclear weapons capability must have their nuclear weapons facilities inspected and certified.

a. Facility Inspection. A Completion Inspection (CI), conducted by DIRSSP using the CI guidance contained within reference (d), is completed prior to initial nuclear certification of an entirely new facility complex or when modifications are made to specific facilities that support nuclear weapons. Items that require a CI include: facilities constructed for storage or maintenance of nuclear weapons; facilities constructed to support the security functions; systems (e.g., electronic security systems) installed to support safety or security of nuclear weapons; and major repairs or modifications (e.g., replacing a sensor loop, major repairs to security fencing, major repairs to alarm systems, installing new magazine doors) to those types of existing facilities and systems.

b. Facility Certification. Three categories of technical criteria, unique to nuclear weapons must be satisfied to certify shore based nuclear weapons facilities:

(1) Safety. Conventional explosives safety and nuclear weapons safety requirements are contained in references (e) and (f) respectively.

(2) Security. Nuclear weapons physical security requirements are contained in references (g) and (h).

(3) Weapons System Support. A technical criterion for each nuclear weapon is contained in applicable Navy Special Weapons Ordnance Publications (SWOPs).

6. Procedures and Responsibilities. During all phases of developing a shore based nuclear weapons facility, involved organizations must continually assess conformance with the three categories of technical criteria listed in paragraph 5.b. Specific responsibilities and procedures are listed below:

a. Chief of Naval Operations (CNO N3/N5) shall:

(1) Formulate and disseminate Navy security policies. Branch Head, Antiterrorism (CNO (N3AT)) under the Director, Information, Plans and Security (CNO (N3IPS)) is the focal point for Antiterrorism (AT) and coordinates AT and security matters as it relates to Navy operations.

(2) Exercise authority on behalf of the CNO as the program manager for Navy physical security. N3IPS is responsible for reviewing and approving CNO Integrated Vulnerability Assessments (CNO IVA). N3AT is responsible for reviewing and approving installation Security Staffing/Post Validations (SPV).

b. Chief of Naval Operations (N41) shall:

(1) Monitor compliance with the nuclear weapons safety requirements that are listed in reference (f) for shore based nuclear weapons facilities.

(2) Act as the DON single point of contact for the Department of Defense Explosives Safety Board (DDESB) process and for conventional explosives safety site approval requests for nuclear weapons sites as required by reference (i).

(3) Authorize the use of provisional nuclear weapons facilities based on DIRSPP recommendations. Provisional nuclear weapons facilities are defined as new nuclear weapons facilities prior to completion or conventional ordnance facilities that will be used temporarily for nuclear weapons operations.

(4) Submit facilities certification letters to the Deputy Assistant to the Secretary of Defense for Nuclear Matters.

(5) Review and approve conventional explosives safety waivers and exemptions, and nuclear weapons safety waivers.

c. Naval Criminal Investigative Service (NCIS) shall conduct CNO IVAs and SPVs on behalf of the CNO.

d. Fleet Commanders shall, if operational needs dictate, forward a request to use a provisional facility to CNO (N41) and include the following information:

(1) Statement of specific operational need.

(2) Number and type of weapons to be stored.

(3) Commencement date and expected length of use.

(4) Criteria for safety, security and individual weapon system support that cannot be met and which require a deviation. (See paragraph 8 of this instruction).

e. Director, Strategic Systems Programs (DIRSSP) shall:

(1) Request nuclear weapons project approval from the Assessment Sponsor, CNO (N3AT), per reference (g). In the case of a provisional facility, conform to the guidance outlined in paragraph 7b.

(2) Participate in the development of construction project requirements documentation, including the development of DD Form 1391C, and design planning meetings. Ensure engineering plans conform to the requirements of reference (i).

(3) Conduct CIs to verify a facility's conformance with established safety, security and technical criteria and certify all nuclear weapons facilities within DON.

(a) If all criteria have been satisfied, forward a letter to CNO (N41) with copies to the activity. The certification letter should contain the CI. Include a statement whether commencement of operations will still be contingent on successfully completing a nuclear weapons technical inspection under reference (f) or that one has already been accomplished if the facility is to be used for a nuclear weapon capability.

(b) If deviations from the criteria are found during the CI, the CI results will be forwarded to CNO (N41), with a copy to the activity, indicating required corrective action. Any required deviation requests should also be specified.

(4) Submit explosives waivers and exemptions from conventional explosives safety criteria shall to CNO (N41) via Naval Ordnance Safety and Security Activity (NOSSA).

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f. Commander, Naval Facilities Engineering Command shall:

(1) Review requests for nuclear weapons facilities projects.

(2) Conform to the requirements of reference (i) in response to conventional explosives safety site approval requests for nuclear weapons facilities.

(3) Conform to the requirements of reference (j) when inspecting or certifying Navy trackage to include any railroad, ground level crane, or elevated crane trackage used to transport, handle or load nuclear weapons or other nuclear material.

(4) Conform to the requirements of reference (k) when certifying cranes handling nuclear weapons or other nuclear material.

(5) When funded, provide design and construction of nuclear weapons facilities in accordance with reference (h).

(6) Issue directives and maintain documentation as required for the construction of nuclear weapons facilities.

7. Procedures for Requesting Waivers to the Established Criteriaa. Safety

(1) Explosives Safety. By reference (i), all requests for waivers and exemptions from explosives safety criteria shall be addressed to CNO (N41) via DIRSSP and the Naval Ordnance Safety and Security Activity (NOSSA).

(2) Nuclear Weapons Safety. All requests for safety waivers from the provisions of reference (f) shall be addressed to CNO (N41) via DIRSSP.

b. Security. All requests for deviations from physical security criteria will be submitted to CNO (N3AT) via DIRSSP per reference (g). Requests shall contain recommended compensatory measures, stating in detail how the necessary degree of security will be achieved.

c. Weapons System Support. Waivers from the requirement to include certain installed support systems for individual weapons

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systems required by weapon specific SWOPs will be requested from CNO (N41) via DIRSSP.



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