



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

IN REPLY REFER TO
OPNAVINST 6470.3A
N4

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OPNAV INSTRUCTION 6470.3A

From: Chief of Naval Operations

Subj: NAVAL RADIATION SAFETY COMMITTEE

Ref: (a) Executive Order 12344 of 1 February 1982, Navy
Nuclear Propulsion Program

1. Purpose. To establish the Naval Radiation Safety Committee to regulate the use of radioactive materials within the Navy and Marine Corps. This instruction has been administratively revised and should be reviewed in its entirety.
2. Cancellation. OPNAVINST 6470.3.
3. Scope. This instruction applies to all Navy and Marine Corps activities engaged in the use of Nuclear Regulatory Commission (NRC) regulated byproduct material, special nuclear material, source material, and naturally occurring or accelerator-produced radioactive material. It does not apply to radioactive materials transferred from the Department of Energy (DoE) to the Department of Defense (DoD) in accordance with section 91B of the Atomic Energy Act of 1954. Nor does it apply to radioactive materials produced as a consequence of the construction, operation, servicing or maintenance of naval nuclear propulsion plants, reference (a).
4. Discussion. The Department of the Navy has been delegated by the NRC, through the issuance of a Master Materials License, regulatory authority for the receipt, possession, distribution, use, transportation, transfer and disposal of radioactive material from Navy and Marine Corps activities. The Naval Radiation Safety Committee is established to provide administrative control of all radioactive material used in the Navy and Marine Corps except for nuclear propulsion, nuclear weapons, and certain components of weapons delivery systems. Naval Radioactive Materials Permits are utilized to maintain such control.
5. Membership. The Naval Radiation Safety Committee shall consist of:
 - a. Chairman - Director, Environmental Readiness Division, Office of the Chief of Naval Operations (CNO (N45)).
 - b. Executive Secretary - Radiation Specialist (NOBC 0847) or Radiation Health Officer (NOBC 0845) assigned as CNO (N455) and experienced at managing a radiation safety program.
 - c. A representative from Office of the Commandant, U.S. Marine Corps, either a Radiation Specialist (NOBC 0847) or Radiation Health Officer (NOBC 0845), and experienced at managing a radiation safety program.

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d. A representative from the Chief, Bureau of Medicine and Surgery, either a Radiation Specialist (NOBC 0847) or Radiation Health Officer (NOBC 0845), and experienced at managing a radiation safety program.

e. A representative from the Commander, Naval Sea Systems Command either a Radiation Specialist (NOBC 0847) or Radiation Health Officer (NOBC 0845), and experienced at managing a radiation safety program.

f. As necessary, the chairman may invite ad hoc participants to provide expertise in health physics, legal, medical, medical physics, radiobiology, radiopharmacy, engineering, radiography, or other professional areas.

6. Technical Support Centers (TSC). The Naval Sea Systems Command Detachment, Radiological Affairs Support Office (NAVSEADET RASO), and the Navy Environmental Health Center (NAVENVIRHLTHCEN) shall serve as Technical Support Centers for the Naval Radiation Safety Committee.

7. Responsibilities

a. The Naval Radiation Safety Committee acting for the Chief of Naval Operations shall:

(1) Manage and oversee the Navy's Master Materials License of Broad Scope.

(2) Maintain records under this license.

(3) Review Naval Radioactive Materials Permits and recommend action to be taken by the Chairman or his designated representative.

(4) Meet on at least a quarterly basis to review the activities of the Executive Secretary.

(5) Ensure inspections are conducted to assess compliance with the provisions of the NRC license, NRC regulations, and of the specific permits.

(6) Advise DCNO (Fleet Readiness and Logistics) (CNO (N4)) of all non-compliance items with Severity Levels I, II and III.

(7) Provide copies of Naval Radioactive Materials Permits to the NRC.

(8) Establish policies for the control, use, acquisition, and accountability of byproduct, source, and special nuclear material.

(9) Monitor the performance of the TSCs and the Executive Secretary, and the performance of audits on the implementation of the radiation safety program.

(10) Advise the chairman of the results of the audits and program reviews.

(11) Ensure that permitting and inspection staff is appropriately qualified.

(12) Maintain a current list of quantities, uses, and locations where radioactive material is received, possessed, used, or stored.

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(13) Establish enforcement policies and procedures.

(14) Establish technical ad hoc committees to extend staff capabilities for unique or technically complex problems.

b. The Executive Secretary of the Naval Radiation Safety Committee shall:

(1) Be responsible for conducting day-to-day operations and issuing permits approved by the Chairman, Naval Radiation Safety Committee.

(2) Serve as the primary point of contact between the Department of the Navy and NRC for matters covered by this instruction.

(3) Inform the NRSC and the chairman regarding the status of the radiation control program.

(4) Implement the NRSC's enforcement sanctions.

(5) Stop work activities that may pose undue risk or hazard, or may violate conditions of the license or the NRC regulations.

c. Commandant, U.S. Marine Corps shall:

(1) Appoint a permanent member to the Naval Radiation Safety Committee.

(2) Issue instructions and guidance to Marine Corps activities not under the control of Chief, Bureau of Medicine and Surgery concerning procedures for obtaining or amending a Naval Radioactive Materials Permit.

(3) In conjunction with NAVSEADET RASO, provide technical guidance to Marine Corps activities concerning their Naval Radioactive Materials Programs.

(4) Ensure adequate resources are provided to implement the radiation safety program

d. Chief, Bureau of Medicine and Surgery shall:

(1) Appoint a permanent member to the Naval Radiation Safety Committee.

(2) Issue instructions and guidance to Medical Department activities concerning procedures for obtaining or amending a Naval Radioactive Materials Permit.

(3) Provide management oversight of NAVENVIRHLTHCEN concerning the use of radioactive material at Medical Department activities.

(4) Ensure adequate resources are provided to implement the radiation safety program.

(5) Ensure adequate resources are provided for the training of TSC personnel.

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e. Commander, Naval Sea Systems Command shall:

(1) Appoint a permanent member to the Naval Radiation Safety Committee.

(2) Issue instructions and guidance to Navy and Marine Corps activities not under the control of Chief, Bureau of Medicine and Surgery concerning procedures for obtaining or amending a Naval Radioactive Materials Permit.

(3) Provide management oversight of NAVSEADET RASO concerning the use of radioactive material at Navy and Marine Corps activities not under the control of Chief, Bureau of Medicine and Surgery.

(4) Ensure adequate resources are provided to implement the radiation safety program

(5) Ensure adequate resources are provided for the training of TSC personnel.

f. Technical Support Centers shall:

(1) Provide guidance and technical assistance to Navy and Marine Corps activities in the preparation of requests for Naval Radioactive Materials Permits.

(2) Review permit requests for completeness and compliance with current regulations.

(3) Prepare Naval Radioactive Materials Permits and forward to the Executive Secretary.

(4) Perform inspections to assess compliance with current Navy and Federal regulations and provisions of the specific permit.

(5) Prepare reports of non-compliance and forward them to the Naval Radiation Safety Committee.

(6) Investigate incidents.

(7) Review and analyze all radiological incidents and determine trends.

(8) Establish procedures to control the procurement and acquisition of radioactive material to ensure compliance with the MML.

g. Commanding Officers/Officers in Charge shall:

(1) Ensure the command obtains a Naval Radioactive Materials Permit prior to receipt, possession or use of radioactive materials defined in Paragraph 3.

(2) Provide management oversight of the Radioactive Materials Permit and Radiation Protection/Safety Programs at the command, and ensure adequate resources and staffing are available.

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(3) Comply with the conditions of specific Naval Radioactive Materials Permits.

(4) Comply with instructions concerning the safe receipt, possession, distribution, use, transportation, transfer and disposal of radioactive material.

(5) Establish and maintain an effective radiation protection program.

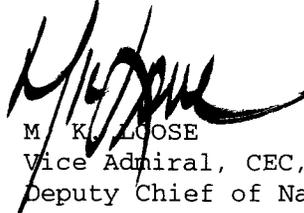
(6) Review radiological incidents within their commands and recommend corrective actions to the NRSC.

8. Action. Navy and Marine Corps activities using radioactive material shall:

a. Operate under conditions specified in applicable Naval Radioactive Materials Permit.

b. Coordinate all questions or reports concerning radioactive material use with the Naval Radiation Safety Committee through the appropriate Technical Support Center.

c. Submit all requests for changes or amendments to permits to the Naval Radiation Safety Committee, via chain-of-command and appropriate TSC, in accordance with instructions issued by Commander, Naval Sea Systems Command or Chief, Bureau of Medicine and Surgery. Direct transmittal to the Naval Radiation Safety Committee or the NRC is not authorized, except in emergency situations.



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