



DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
2000 NAVY PENTAGON
WASHINGTON, DC 20350-2000

IN REPLY REFER TO

6470
Ser N45S2/10U158302
10 November 2010

From: Chairman, Naval Radiation Safety Committee
To: Commander, Naval Air Systems Command

Subj: NAVAL RADIOACTIVE MATERIALS PERMIT NO. 19-00019-T2NP,
AMENDMENT NO. 5

Ref: (a) OPNAVINST 6470.3A
(b) COMNAVAIRSYSCOM ltr 5104 Ser AIR-7.10.1/039 of
3 Aug 10
(c) CNO ltr 6470 Ser N456S/10U158066 of 17 Feb 10

Encl: (1) Naval Radioactive Materials Permit No. 19-00019-T2NP,
Amendment No. 5 with NRSC Issuance Letter

1. Per reference (a), NAVSEADET RASO has reviewed the request of reference (b) to amend the subject permit. Reference (b) forwarded a new instruction for management of the commodities permit. Enclosure (1) provides a record of the approval.

2. The subject NRMP has been updated to include the requirement that commands shall comply with and maintain a current copy of NAVSEA S0420-AA-RAD-010 per reference (c).

3. Review enclosure (1) carefully to be sure that all conditions are understood. Changes resulting from this amendment are printed in **bold** typeface.

4. For further information contact NAVSEADET RASO at DSN 953-4692 or commercial (757) 887-4692.

L. L. FRAGOSO
By direction

Copy to:

NAVSEADET RASO (nsscnavsearoadmin@navy.mil)
NASC PAX RIVER RSO (elisabeth.holland@navy.mil)
NASC PAX RIVER ARSO (lowell.karcher@navy.mil)
COMNAVSEASYSYSCOM (SEA 04N)

NAVAL RADIOACTIVE MATERIALS PERMIT

Pursuant to the authority stated in OPNAVINST 6470.3A, Naval Radiation Safety Committee, and in reliance on statements made by the applicant, permission is hereby granted for the acquisition, receipt, possession, use, storage and disposal of radioactive materials listed below subject to the conditions listed in this permit.

1 - COMMAND COMMANDER NAVAL AIR SYSTEMS COMMAND NAVAL AIR SYSTEMS COMMAND HEADQUARTERS 47123 BUSE ROAD, UNIT 7 PATUXENT RIVER, MD 20670-1547	2 - PERMIT NO. 19-00019-T2NP
	3 - AMENDMENT NO. 5
	4 - DOCKET NO.
	5 - EXPIRATION DATE 30 APRIL 2013

6 - RADIOACTIVE MATERIAL	7 - CHEMICAL/ PHYSICAL FORM	8 - MAXIMUM QUANTITY AUTHORIZED
A. Americium 241	A. Sealed (Foil) Sources, Amersham Corp Model AMM 1001H	A. Not to exceed 4.5 microcuries (166.5 kilobecquerels) per source, 3.6 millicuries (133.2 megabecquerels) total.

9. Authorized Use

- a. For use in Litton Systems Model AN/AAS-38A Laser Target Designator/Ranger Pod on F-18 (series) aircraft.

CONDITIONS

- 10. The Command's Radioactive Materials Permit is amended and reprinted in its entirety. Changes to the permit are printed in **bold** typeface.
- 11. Radioactive material may be used and stored on Navy/Marine Corps aircraft, U.S. Navy ships, and at Navy/Marine Corps facilities.

UNITED STATES NAVAL RADIATION SAFETY COMMITTEE

SUPPLEMENTARY SHEET**United States Naval Radiation Safety Committee****Naval Radioactive Materials Permit****PERMIT NO.**19-00019-T2NP**AMENDMENT NO.**5

CONDITIONS (continued)

12. Radioactive material shall be used by, or under the supervision of, individuals trained in accordance with the command's Radioactive Materials Permit applications along with submitted procedures and information contained in the application packages.
 - a. The Radiation Safety Officer for the activities authorized by this permit is Elisabeth Holland.
 - b. The Assistant Radiation Safety Officer is Larson T. Karcher.
13. Sealed sources or detector cells containing radioactive material shall not be opened or sources removed from source holders by the command.
14. The command shall conduct a physical inventory every 6 months to account for all sources and/or devices received and possessed under this permit.
15. The command may transport radioactive material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material", and "Defense Transportation Regulations, DD 4500-9R."
16. The command shall comply with and maintain current copy of the NAVSEA S0420-AA-RAD-010, Radiological Affairs Support Program Manual.

SUPPLEMENTARY SHEET**United States Naval Radiation Safety Committee****Naval Radioactive Materials Permit****PERMIT NO.**

19-00019-T2NP

AMENDMENT NO.

5

CONDITIONS (continued)

17. Except as specifically provided otherwise by this permit, the command shall conduct its program in accordance with the statements, representations, and procedures contained in the documents including any enclosures listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations and procedures in the command's application and correspondence are more restrictive than the regulations.
- a. COMNAVAIRSYSCOM ltr 5104 Ser 8.4.4/347 of 18 Nov 02
(Initial request)
 - b. COMNAVAIRSYSCOM ltr 5104 Ser 8.4.4/073 of 26 Mar 03
(Supplemental Information)
 - c. COMNAVAIRSYSCOM ltr 5104 Ser 7.10.1/244 of 11 Aug 04
(change RSO/ARSO)
 - d. CNO ltr 5104 Ser 455C/6U38250 of 16 October 2006
(expiration date change)
 - e. COMNAVAIRSYSCOM ltr 5104 Ser AIR-7.10.1/683 of 29 Sep 09
(change RSO/ARSO)
 - f. COMNAVAIRSYSCOM ltr 5104 Ser Air-7.10.1/039 of 3 Aug 10
(Updated instruction, NAVAIRINST 5104.1A dated 31 Aug 09)

DATE: 12 Nov 2010


L. L. FRAGOSO
 Captain, MSC, USN
 Executive Secretary
 Naval Radiation Safety Committee