



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS UNITED STATES AIR FORCE  
WASHINGTON DC

12 August 2013

MEMORANDUM FOR 28 AMXS/CC

FROM: AFMSA/SG3PB

SUBJECT: Administrative Amendment to USAF Radioactive Material Permit No. SD-00334-01/01AFP,  
Docket No. 030-00334

**To the Permit Radiation Safety Officer (PRSO): Please make a copy for your files.**

We have received your amendment request, dated 9 Aug 13, to change the maximum quantity for static eliminators from 20 to 35 devices. Amended permit SD-00334-01/02AFP is attached. Lt Thomas Witter is the Radioisotope Committee (RIC) remains the approved Permit Radiation Safety Officer (PRSO); Capt Jeffrey McClellan remains the RIC approved Alternate PRSO. The inspection category for this permit is 03124; the inspection frequency for this permit is every 5 years, **unannounced**. This permit expires 31 March 2018.

Please review the permit carefully to ensure that it authorizes the quantity of materials and/or devices as requested, and that you understand all conditions. As a reminder, IAW AFI 40-201, *Managing Radioactive Materials in the USAF*, you must timely notify this office of any changes to the Permittee, RSO(s), and/or authorized users.

If you have any questions concerning this letter, please contact Maj AJ Cagle, DSN 761-6988; commercial (703) 681-6988; anthony.cagle@pentagon.af.mil; or David Cessor-Culver at DSN 761-6946; commercial (703) 681-6946; david.cessor-culver@pentagon.af.mil. Off-duty hours call 301-981-5058; DSN 858-5058.

A handwritten signature in cursive script that reads "Edward R. Kelly".

EDWARD R. KELLY, Maj, USAF, BSC  
Chief, Radiological Health Operations  
USAF Radioisotope Committee Secretariat  
Air Force Medical Support Agency

Attachment:  
Permit Number SD-00334-01/02AFP

cc:  
28 MDOS/SGOJ (Lt Witter)  
28 MDOS/SGOJ (Capt McCellan)  
AFIA/SOI (Maj Sassi)

**RADIOACTIVE MATERIAL PERMIT**  
**USAF RADIOISOTOPE COMMITTEE**

Pursuant to the authority stated in AFI 40-201, Managing Radioactive Materials in the USAF, and in reliance on statements made by the applicant, permission is hereby granted to receive, possess, transfer and store radioactive materials listed below, and to use this material for the purpose and at the places listed below. This document is not a valid permit unless it is endorsed by a representative of the USAF Radioisotope Committee.

1. ORGANIZATION  28 AMXS/CC 1899 Bergstrom Dr Ellsworth AFB SD 57706	2. PERMIT NO. SD-00334-01/02AFP	3. AMENDMENT NO. <b>2</b>
	4. EXPIRATION DATE 31-Mar-2018	
	5. DOCKET NO. 030-00334	

6. PERMIT RSO: Witter, Thomas	7. ALTERNATE PERMIT RSO: McClellan, Jeffrey
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8. RADIOACTIVE MATERIAL (Element and Mass Numbers) A. Americium-241	9. CHEMICAL/PHYSICAL FORM (NSN or Model Number) (* denotes sealed sources) * A. Plated Foils, AEA Technology/QSA, Inc. Model # AMM (except for JFS EOTS) or AMM.1001H (appropriate for JFS EOTS)	10. MAXIMUM QUANTITY AUTHORIZED A. 35 devices; 2 sources per device, 6 microcuries per source; Total Activity: <b>420</b> microcuries.
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11. AUTHORIZED USE  
A. Static Eliminator Target Designator/Ranger Target Sight Systems (SSDR # FL-1116-D-0101-S) as listed in condition 15.

**CONDITIONS**

12. The authority for this permit is US Nuclear Regulatory Commission (NRC) Master Material License No. 42-23539-01AF issued to the USAF Radioisotope Committee (RIC) and AFI 40-201, Managing Radioactive Materials in the U.S. Air Force. The mailing address for the RICS is AFMSA/SG3PB, Attn: Radiation Health, 7700 Arlington Boulevard Falls Church, VA 22042.
13. The permittee shall comply with the provisions of Title 10, Code of Federal Regulations, Part 19, "Notices, Instructions and Reports to Workers; Inspections," Part 20, "Standards for Protection Against Radiation," and Part 30, "Rules of General Applicability to Domestic Licensing of Byproduct Material," except that all reports required by those parts must be made to the USAF Radioisotope Committee Secretariat. In addition, the permittee shall comply with AFI 40-201, all applicable Air Force Instructions, and instructions and directives of the USAF Radioisotope Committee necessary to insure compliance.
14. The permitted material may be stored and used at the Permittee's facilities and at temporary sites where the Air Force maintains jurisdiction for regulating use of the permitted material subject to a host nation restrictions under Status of Forces Agreements. The permitted material must be stored in a secured area when not under the direct supervision of an authorized user or Radiation Safety Officer.
15. The permitted material shall be used only as part of Laser Target Designator/Ranger Series (NITEHAWK, LANTIRN, SNIPER/TP/PANTERA, TARGET SITE SYSTEM [TSS], JOINT STRIKE FIGHTER ELECTRO-OPTICAL TARGETING SYSTEM [JSF EOTS], GUNSHIP MULTISPECTRAL SENSOR SYSTEM [GMS2], and SNIPER ATP-SE). These systems shall only be used by qualified maintenance officers or technicians who are properly trained in the operation of the Targeting Set.
16. The Permit and Alternate Permit Radiation Safety Officers (PRSO) shall be those individuals whose training and experience are approved by the USAF Radioisotope Committee Secretariat and are appointed in writing by the Permittee. A copy of the appointment memo must be provided to the USAF Radioisotope Committee Secretariat, AFMSA/SG3PB.  
  
NOTE: For Template Permits, As of 1 October 2001 statement signed by the Commander on page 2 of the Request for Template Permit Action form satisfies this requirement and appointment is not required in a separate memo. Non Template Permit RSO changes are still required on a standard memo.
17. Sealed sources containing permitted material shall not be opened or removed from devices by the permittee.
18. All surveys necessary to verify the presence or absence of alpha emitting contaminants shall be made with the ADM-300 with alpha probe or equivalent.

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SUPPLEMENTARY**

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**2**  
DOCKET NO.  
030-00334

- 19. Permittees will comply with inventory requirements as specified in AFI 21-103 "Equipment Inventory, Status, and Utilization Reporting. A copy of the RAMPOD inventory shall be provided to the Installation RSO every 6 months for inclusion into RAMMIS.
- 20. The permittee shall transport permitted material in accordance with the provisions of 10 CFR 71, "Packaging of Radioactive Material for Transport"; 49 CFR "Transportation", Parts 170 through 189 and Parts 300-399; DTR 4500.9R, Part II, "Defense Transportation Regulations"; and subject to any host nation restrictions under Status of Forces Agreements.
- 21. Transfer of permitted material may only be to a US Air Force, US Navy or Veteran's Administration Radioactive Material Permittee; or to an NRC or Agreement State Licensee holding a valid authorization to receive the sources. The permitted materials must be disposed of in accordance with AFI 40-201.
- 22. Except as specifically provided otherwise by this Permit, the possession and use of radioactive material described in Item 8 of the Permit shall be in accordance with statements, representation, and procedures contained in:

DOCUMENT REFERENCE	SUBJECT	DATE
28 AMXS/CC (Application)	Permit Renewal	25-Jan-2013
AFMSA/SG3PB (Rad Health)	Administrative Amendment	21-Mar-2013
<b>28 AMXS/CC</b>	<b>Permit Amendment</b>	<b>09-Aug-2013</b>

The Nuclear Regulatory Commission's regulations and United States Air Force instructions and directives shall govern the permittee's statements in applications or letters, unless the statements are more restrictive than the regulations and directives.

Date: 12 August 2013

FOR THE USAF RADIOISOTOPE COMMITTEE

By:



EDWARD R. KELLY, Maj, USAF, BSC  
Chief, Radiological Health Operations  
USAF Radioisotope Committee Secretariat  
Air Force Medical Support Agency