



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

17 Dec 13

MEMORANDUM FOR Director, Office of Federal and State Materials and Environmental  
Management Programs  
ATTN: GLTS

FROM: USAF, Radioisotope Committee Secretariat  
AF/SGE (AFMSA/AG3PB)  
1780 AF Pentagon  
Washington, DC 20330-1780

SUBJECT: Notification Report: Transfer of Generally Licensed Devices to Non-NRC Licensee's

1. Our office is reporting the improper transfers of generally licensed devices (GLDs) to a non-NRC licensee's at the following two installations; a) Joint Base Lewis-McChord, WA and b) Los Angeles AFB, CA.

2. Joint Base Lewis-McChord, WA:

a. GLD Item: APD-2000: This GLD was turned into Base Supply by Explosive Ordnance Disposal (EOD) personnel on 23 Feb 11 and then was sent to Ft Lewis Defense Reutilization and Marketing Office (DRMO), a non-NRC licensee, on 11 May 11. The APD-2000 was processed into the Ft Lewis DRMO system on 9 June 11. From Ft Lewis DRMO, the APD-2000 was sent to Tucson, AZ DRMO for final demolition on 16 March 12. Because the Defense Turn-in Document system, or DTID, went digital January 13, all hard-copy paperwork has been archived, so it is not possible to determine with hundred percent certainty whether or not the APD-2000 was demolished unless the Tucson DRMO recovers their archives.

3. Los Angeles AFB, CA:

a. GLD Items: Vapor Tracer II (x3): Security Forces Squadron (SFS) shipped three Vapor Tracer II, ION Track Instruments to DRMO, a non-NRC licensee April 11. The instruments were not destroyed but have since been misplaced and unaccountable for in the warehouse. The transfer of items was recently discovered during a base installation radiation safety officer site visit.

4. A summary of the devices is as follows:

Description	Serial No.	RAM/Activity	SS&DR #
APD-2000	3781	Ni-63, 15 mCi	MD-0263-D-102-G
Vapor Tracer II	021024892707	Ni-63, 10 mCi	MA-0399-D-803-G
Vapor Tracer II	021024892702	Ni-63, 10 mCi	MA-0399-D-803-G
Vapor Tracer II	021024892645	Ni-63, 10 mCi	MA-0399-D-803-G

5. Radiation exposure to individuals: No exposure to individuals occurred as the devices contain low energy beta emitters (Ni-63) embedded within the equipment.

6. Actions taken to recover the material: The installation radiation safety officers made every attempt to track and recover the material through the above mentioned DRMO offices.

7. Actions taken to prevent recurrence: The installation radiation safety officers have reinforced the management policy for GLD users which is outlined in Air force Instruction 40-201, *Managing Radioactive Materials in the United States Air Force*. The policy from the instruction states that GLDs are not to be transferred to DRMO, but to the Air Force Radioactive Recycling and Disposal Office at Wright Patterson AFB, OH.

8. If you have any questions, regarding this incident, please contact Maj Daniel A. Shaw at 703-681-7855 or E-Mail at [daniel.shaw@pentagon.af.mil](mailto:daniel.shaw@pentagon.af.mil).



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Chief, Radioisotope Committee Secretariat  
Office of the Surgeon General

cc:

AFIA/SG (Lt Col Sassi)  
NRC, Region IV (Ms. Cook)