



Lethality, Survivability, Mobility and Sustainment for America's Army

TACOM-RI SAFETY OFFICE

AMSTA-CS-CZR

COMMERCIAL: (309) 782-6499 or DSN: 793-6499

FAX: (309) 782-6758 / DSN: 793-6758

ROCK ISLAND, ILLINOIS, 61299-7630

DATE:

CLASSIFICATION:

PAGES: HEADER + _____

FROM: Thomas Grzicki

TO: Mr. Ed Kulzer

FAX 630-515-1259

NOTES:

TACOM-Rock Island 30 day report
(resent) Incident No. 43548

ATTENTION:

DO NOT PROCESS, STORE, OR TRANSMIT CLASSIFIED INFORMATION ON UNSECURED TELECOMMUNICATIONS SYSTEMS. OFFICIAL DOD TELECOM COMMUNICATIONS SYSTEMS, INCLUDING FACSIMILE MACHINES, ARE SUBJECT TO MONITORING FOR TELECOMMUNICATIONS SECURITY PURPOSES AT ALL TIMES. USE OF THIS SYSTEM CONSTITUTES CONSENT TO TELECOMMUNICATIONS SECURITY MONITORING.

Committed to Excellence - Supporting America's Warfighters



DEPARTMENT OF THE ARMY
UNITED STATES ARMY TACOM LIFE CYCLE MANAGEMENT COMMAND
6501 EAST 11 MILE ROAD
WARREN, MICHIGAN 48397-5000

REPLY TO
ATTENTION OF:

31 AUG 2007

AMSTA-CS-CZ

US Army TACOM Life Cycle Management Command

Regional Administrator
U.S. Nuclear Regulatory Commission
Division of Nuclear Safeguards
2443 Warrenville Road Suite 210
Lisle, Illinois 60532-4352

SUBJECT: US Army 30 Day Report Pertaining to Lost Tritium Devices
M114A1 Elbow Telescopes Anniston Army Depot

Dear Sir or Madam:

References: NRC License no. 12-00722-06
Incident Report No. 43548

This thirty-day report is in accordance with 10 CFR Part 20.2201(a)(ii). The event was reported to the licensee, TACOM-RI on 2 August 2007 by Anniston Army Depot Radiation Safety Officer. On 30 June 2007 two M102 howitzers left the Anniston Army Depot, maintenance facility building 418 to be delivered to a wash rack (contractor operated) and nearby paint booth located in bldg. 143. The distance between building 418 and 143 is only a few blocks. The two howitzers have specifically designed racks that hold the carrying cases that contain the tritium fire control devices. Each carrying case contains the M114A1 elbow telescope (NSN 1240-00-150-8889) (5.6 ci H3), M137 pantel telescope (5.1 ci H3), and M139 alignment (3.0 ci H3). The tritium contained in the devices are sealed sources in gaseous form. A total of 11.2 curies of H3 was involved in the incident. The howitzers were stored inside building 143 until they were moved to building 501 on 18 July 2007 to be inspected and shipped by the Defense Distribution Depot Anniston (DDDA). DDDA is part of the Defense Logistics Agency (DLA). While preparing the howitzers and accompanying tritium fire control devices for shipment, DDDA personnel discovered the two M114A1 telescopes were missing from each of the cases. No other devices were missing from the cases. The Anniston RSO initiated the search of the Anniston maintenance

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SUBJECT: US Army 30 Day Report Pertaining to Lost Tritium Devices
M114A1 Elbow Telescopes Anniston Army Depot

shop, contractor building and DDDA shipping area which failed to locate the M114A1 elbow telescopes. After nearly 7 days of searching for the two telescopes and interviews with contractor and Army employees, the devices could not be found. On 2 August 2007 the Licensee RSO contacted the Army Criminal Investigation Division out of Ft. McPherson, GA requesting them to investigate of what appeared to be theft of the devices. The Army CID assumed the investigation on 2 August 2007. On 7 August 2007 CID terminated their investigation due to lack of investigation leads.

Corrective Action:

Immediately after determining the devices could not be recovered, the TACOM-RI License RSO directed the Anniston Army RSO and DDDA RSO to develop and implement standard operating procedures that will better secure license devices and prevent a theft of license material from occurring. The carrying cases containing the fire control will no longer be attached to the howitzer as it is processed through the wash rack and paint operation prior to final inspection and shipment.

The new procedures will be part of DDD Radiological Health Implementation Procedures. DDDA has an NRC license to store and distribute tritium fire control devices for the Department of Defense. The new procedures will require the Anniston Maintenance facility (tritium instrument repair shop bldg 418) to hand receipt the tritium fire control devices associated with a specific shipment to the Defense Distribution Depot Anniston(DDDA). The material will be physically transferred from Anniston AD to DDDA. A joint inspection of the devices will be performed at the time of transfer with Anniston Army depot and DDA personnel to verify type and quantity of licensed material. The licensed material will be stored in building 131 until which time the howitzer has to be shipped from Anniston AD. The licensed material will be dropped from DDDA accountability records once the howitzer is shipped.

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SUBJECT: US Army 30 Day Report Pertaining to Lost Tritium
Devices M114A1 Elbow Telescopes Anniston Army Depot

The point of contact for this incident is Mr. Thomas G.
Gizicki, Senior Health Physicist, NRC License RSO, TACOM-RI
Safety Office, (309)782-2965.

Sincerely,

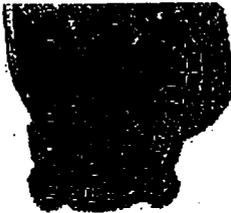


George G. Jarvis
TACOM LCMC Safety Director

CF:

Director of Army Safety, ATTN (Mr. Komp) 223 23d St., Suite 980
Arlington, VA 22202

HQ Army Material Command, ATTN AMCPE-SG-R (MAJ Prins), 9301
Chapek Rd., Ft. Belvoir, VA 22060-5527



Lethality, Survivability, Mobility and Sustainment for America's Army



TACOM-RI SAFETY OFFICE

AMSTA-CS-CZR 29645

COMMERCIAL: (309) 782-6499 or DSN: 793-6499

FAX: (309) 782-6758 / DSN: 793-6758

ROCK ISLAND, ILLINOIS, 61299-7630

DATE: 31 Aug 07

CLASSIFICATION:

PAGES: HEADER + _____

FROM: Thomas Gizicki

TO: Darrel Wiedeman

630-515-1059

NOTES:

Darrel, we faxed you the incident #43548 earlier today. Please replace the 2 pages with these.

There were some typos.

(Please call to confirm you received it)

Thanks

Thomas Gizicki
309-782-2965

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31 AUG 2007

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Regional Administrator
U.S. Nuclear Regulatory Commission
Division of Nuclear Safeguards
2443 Warrenville Road Suite 210
Lisle, Illinois 60532-4352

SUBJECT: US Army 30 Day Report Pertaining to Lost Tritium Devices
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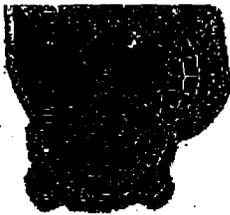
SUBJECT: US Army 30 Day Report Pertaining to Lost Tritium Devices
M114A1 Elbow Telescopes Anniston Army Depot

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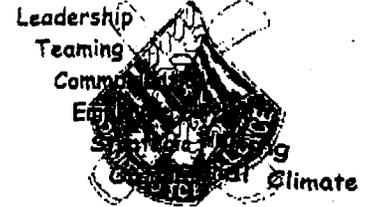
Corrective Action:

Immediately after determining the devices could not be recovered, the TACOM-RI License RSO directed the Anniston Army RSO and DDDA RSO to develop and implement standard operating procedures that will better secure license devices and prevent a theft of license material from occurring. The carrying cases containing the fire control will no longer be attached to the howitzer as it is processed through the wash rack and paint operation prior to final inspection and shipment.

The new procedures will be part of DDD Radiological Health Implementation Procedures. DDDA has an NRC license to store and distribute tritium fire control devices for the Department of Defense. The new procedures will require the Anniston Maintenance facility (tritium instrument repair shop bldg 418) to hand receipt the tritium fire control devices associated with a specific shipment to the Defense Distribution Depot Anniston(DDDA). The material will be physically transferred from Anniston AD to DDDA. A joint inspection of the devices will be performed at the time of transfer with Anniston Army depot and DDA personnel to verify type and quantity of licensed material. The licensed material will be stored in building 131 until which time the howitzer has to be shipped from Anniston AD. The licensed material will be dropped from DDDA accountability records once the howitzer is shipped.



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ROCK ISLAND, ILLINOIS, 61299-7630

DATE: *7 Sep 07* *630-515-1259*

CLASSIFICATION: *U*

PAGES: HEADER + *1*

FROM: *Tom Gezicki*

TO: *Edward Krulzer*

NOTES: *Addendum # 2 to US Army 30 Day Report to the NRC 31 Aug 07 Incident Report No 43548*

ATTENTION:
DO NOT PROCESS, STORE, OR TRANSMIT CLASSIFIED INFORMATION ON UNSECURED TELECOMMUNICATIONS SYSTEMS. OFFICIAL DOD TELECOM COMMUNICATIONS SYSTEMS, INCLUDING FACSIMILE MACHINES, ARE SUBJECT TO MONITORING FOR TELECOMMUNICATIONS SECURITY PURPOSES AT ALL TIMES. USE OF THIS SYSTEM CONSTITUTES CONSENT TO TELECOMMUNICATIONS SECURITY MONITORING.

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REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
UNITED STATES ARMY TACOM LIFE CYCLE MANAGEMENT COMMAND
1 ROCK ISLAND ARSENAL
ROCK ISLAND, ILLINOIS 61299-7630

07 SEP 2007

AMSTA-CS-CZR
US Army TACOM Life Cycle Management Command

Mr. Edward Kulzer
U.S. Nuclear Regulatory Commission
Division of Nuclear Safeguards
2443 Warrenville Road Suite 210
Lisle, Illinois 60532-4352

SUBJECT: Addendum # 2 to US Army 30 Day Report to the NRC
31 Aug 07, Incident Report No. 43548

Dear Mr. Kulzer:

As requested, the following information is provided pertaining to the lost M114A1 elbow telescopes at Anniston Army Depot. The licensee does not expect any radiation exposure to the general public from this incident based on the fact the tritium sealed sources are contained inside the M114A1 telescope. In addition, access to the tritium sealed sources is not possible without special tooling.

The POC for further information is Mr. Thomas G. Gizicki, Senior Health Physicist, TACOM- Rock Island, commercial 309-782-2965.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeffrey Havenner".

Jeffrey Havenner
Chief, TACOM-RI Safety Office



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ROCK ISLAND, ILLINOIS, 61299-7630

DATE: 7 Sep 07

630-515-1259

CLASSIFICATION: U

PAGES: HEADER + 1

FROM: Tom Gizicki

TO: Edward Kulzer

NOTES:

Addendum to US Army 30 day Report to the NRC
31 Aug 07 Incident Report No. 43548

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UNITED STATES ARMY TACOM LIFE CYCLE MANAGEMENT COMMAND
1 ROCK ISLAND ARSENAL
ROCK ISLAND, ILLINOIS 61299-7630

07 SEP 2007

AMSTA-CS-CZ
US Army TACOM Life Cycle Management Command

Mr. Edward Kulzer
U.S. Nuclear Regulatory Commission
Division of Nuclear Safeguards
2443 Warrenville Road Suite 210
Lisle, Illinois 60532-4352

SUBJECT: Addendum to US Army 30 Day Report to the NRC 31 Aug 07,
Incident Report No. 43548

Dear Mr. Kulzer:

As requested, the following information is provided pertaining to the lost M114A1 elbow telescopes at Anniston Army Depot. The corrective action provided in the subject letter specified the storage of licensed material will be in building 131 prior to shipment. The licensee will simply state that the licensed material will be stored in a designated authorized radioactive material storage location until the material is shipped from DDDA. The accountability procedures provided in the initial 30 day report will be written by DDDA and approved by the licensee. The accountability procedures that were provided in the initial 30 day report will take effect by 21 Sep 07.

The POC for further information is Mr. Thomas G. Gizicki, Senior Health Physicist, TACOM- Rock Island, commercial 309-782-2965.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeffrey Havenner".

Jeffrey Havenner
Chief, TACOM-RI Safety Office