

From: Dlind49@aol.com
Sent: Tuesday, March 17, 2015 10:10 PM
To: Snyder, Amy; panghi@hawaii.rr.com; geomike5@att.net; ja@interpac.net; mh@interpac.net; anne.stewart@mail.house.gov; dlimay7@flex.com; everetto@oha.org; joanconrow@hawaiiantel.net; kaim@oha.org; keomaivg@gmail.com; keolal@oha.org; hawaii@afsc.org; lanny.sinkin@gmail.com; repevans@capitol.hawaii.gov; ronsan2224@aol.com; joshuaboorthgreen@yahoo.com; srodrigues@olelo.org; tomasbelsky@gmail.com; wlau@co.hawaii.hi.us; dcs@medcom.com; Dorothy.bowers1@gmail.com; david@bigisland-bigisland.com; davidcorrigan@bigislandvideonews.com; Higuchi.Dean@epamail.epa.gov; kat.caphi@gmail.com; napua4u@yahoo.com; noweokala@yahoo.com; stephen.paulmier@verizon.net; markandster@msn.com; sgd8@hawaiiantel.net; jeffrey.eckerd@doh.hawaii.gov; jenniferjangles@gmail.com; paka@sandwichisles.net; k.young@capitol.hawaii.gov; shannontaylor5679@msn.com; aaron@hawaii.rr.com
Cc: Norato, Michael; Conley, Maureen
Subject: Re: Meeting Summary of Feb 19 2015 Meeting Between the US ARMY and the NRC an...
Attachments: du AR 700-48.pdf; du da pam 700-48.pdf; du TB 9-1300-278 1996.pdf

Ms Snyder- It is imperative that the army plan incorporate compliance with all provisions of du regulations AR 700-58, DA PAM 700-48, TB 9-1300-278, DU CTT, du medical care orders. .

du has left a trail of death, illness destruction, environmental contamination with ongoing overt retaliation aimed at myself and any person or group (to include physical attacks with injuries) trying to ensure thorough compliance with environmental protection / remediation and medical care directives.

army leaders should be held accountable for what has happened

dr doug rokke
217 643 6205

in review:

**The Health and Environmental Effects of Uranium Munitions-
Prepared by:**

**Doug Rokke; Ph.D.; Major, retired/disabled; U.S. Army
former Director, U.S. Army Depleted Uranium project; former member 3rd US Army DU
team- Operation Desert Storm**

February 20, 2015

**2737 CR 1200 E
Rantoul, Illinois 61866
United States of America**

**217 643 6205
dlind49@aol.com**

The feature film “Trooper” by Chris Martini is reawakening the discussion on adverse health and environmental effects of DU as the continued use and prior use of uranium munitions is causing adverse health and environmental effects that are being ignored by the leaders those nations and their military commanders who are responsible for uranium weapons use.

During the summer of 1991, the United States military had collected artillery, tanks, Bradley fighting vehicles, conventional and unconventional munitions, trucks, etc. at Camp Doha in Kuwait. As result of carelessness this weapons depot caught fire with consequent catastrophic explosions resulting in death, injury, illness and extensive environmental contamination from depleted uranium and conventional explosives. The emirate of Kuwait finally required the United States Department of Defense to remove the contamination. Consequently, over 6,700 tons of contaminated soil sand and other residue was collected and was shipped back to the United States for burial by American Ecology at Boise Idaho. When Bob Nichols, an investigative journalist, and I contacted American Ecology we found out that they had absolutely no knowledge of U.S. Army Regulation 700-48, U.S. Army PAM 700-48, U.S. Army Technical Bulletin 9-1300-278, and all of the medical orders dealing with depleted uranium contamination, environmental remediation procedures, safety, and medical care . They had never heard of U.S. Environmental Protection Agency guidelines for dealing with mixed – hazardous waste such as radioactive materials and conventional explosives byproducts. (reference "Approaches for the Remediation of Federal Facility Sites Contaminated with Explosives or Radioactive Wastes", EPA/625/R-93/013, September 1993). The shipment across the ocean, unloading at Longview, Washington State port, transport by rail, and burial in Idaho endangers not only the residents of these areas but poses a significant agricultural threat through introduction of pests, microbes, etc. foreign to our nation.

Sadly the known adverse health and environmental hazards from uranium weapons contamination also are prevalent throughout the United States. The Environmental Protection Agency has listed the former Nuclear Metals- Starmet uranium weapons manufacturing site in Concord Massachusetts on EPA’s Superfund National Priority List because it poses a significant risk to public health and the environment. Consequently the community in which the United States was born on April 18, 1775 is now the location of America’s own closed dirty bomb factory that will endanger the health and safety of the descendants of our original patriots- “the Minutemen”. The closed “National Lead” uranium weapons manufacturing site in Albany New York also poses a significant health and environmental risk. There is also substantial uranium

weapons contamination as a consequence of combat training, manufacturing, or research operations in Maryland, Nevada, Hawaii, Florida, Indiana, Tennessee, New Hampshire, Texas, and Puerto Rico. In all probability uranium weapons contamination is abundant throughout United States weapons firing ranges and those ranges located throughout Europe. "DUCRETE" that is used in road construction has affected road construction crew members around the nation!

The previous delivery of at least 100 GBU 28 bunker busters bombs containing depleted uranium warheads by the United States and their use by Israel against Lebanese targets during 2006 has resulted in additional radioactive and chemical toxic contamination with consequent adverse health and environmental effects throughout the middle east. Israeli tank gunners are also using depleted uranium tank rounds as photographs verify.

Today, United States, British, Canadian, Australian, and Israeli military personnel are using illegal uranium munitions- their own "dirty bombs" while U.S. Army, U.S. Department of Energy, U.S. Department of Defense, British Ministry of Defence, Canadian Ministry of Defence, Australian Defence Ministry, and Israeli officials deny that there are any adverse health and environmental effects as a consequence of the manufacture, testing, and/or use of uranium munitions to avoid liability for the willful and illegal dispersal of a radioactive toxic material - depleted uranium. This directly contradicted by internal United States Department of Defense documents such as the Pentagon briefing given by Colonel J. Edgar Wakayama, Director of the Operational Test and Evaluation Command

(http://www.traprockpeace.org/du_dtic_wakayama_Aug2002.html) that confirms not only lung cancer but other serious medical problems such as respiratory, eye, skin, genetic abnormalities, and specific warnings about food, water, air, and soil contamination. It is critical to understand that Assistant Secretary of the U.S. Army Walker ordered the Director of the United States Army Environmental Policy Institute to determine how to reduce the toxicity of uranium munitions and the reported conclusion was that quote "***Ways to Reduce DU Toxicity No available technology can significantly change the inherent chemical and radiological toxicity of DU. These are intrinsic properties of uranium.***" end quote. The United States Department of Veterans Affairs VISN 11 recently distributed a booklet "Some things you need to know about veterans- A Clinicians Guide to Veteran's Specific Issues" in which they state quote: "Some of the physical symptoms which may occur as a result of exposure to depleted uranium are: sleep problems, mood swings, symptoms in upper or lower respiratory system, neuropsychological symptoms (including memory loss), chronic fatigue and immune system dysfunction (CFDIS), skin rashes and unusual hair loss, aching joints, headaches, abdominal pain, sensitivity to light, blurred vision, menstrual disorders, gastrointestinal symptoms (recurrent diarrhea), nervous disorders (such as numbness in a limb), multiple chemical sensitivity, birth defects in children whose parents were exposed." End quote

The use of uranium weapons (radioactive chemically toxic dirty bombs) is absolutely unacceptable, and a crime against humanity because they do not discriminate between combatants and noncombatants; they permanently contaminate air, water, soil, and food; and they can not be cleaned up to restore contaminated areas to pre-war or pre-uranium use conditions that would allow unrestricted use of the area. The intended use of uranium weapons while ignoring all adverse health and environmental effects was specified in the March 1, 1991

Los Alamos memo even while the March 1991 memo from the Defense Nuclear Agency warned of serious hazards (<http://www.traprockpeace.org/twomemos.html>). Consequently the citizens of the world and all governments must force cessation of uranium weapons use. I demand that Israel now provide medical care to all DU casualties in Lebanon and clean up all DU contamination.

Simply, U.S., British, Australian, Canadian, and Israeli officials arrogantly refuse to comply with regulations, orders, and directives that require officials to provide prompt and effective medical care to "all" exposed individuals. Reference: Medical Management of Unusual Depleted Uranium Casualties, DOD, Pentagon, 10/14/93, Medical Management of Army personnel Exposed to Depleted Uranium (DU) Headquarters, U.S. Army Medical Command 29 April 2004, and section 2-5 of U.S. Army Regulation 700-48.

They also refuse to clean up dispersed radioactive Contamination as required by Army Regulation- AR 700-48: "Management of Equipment Contaminated With Depleted Uranium or Radioactive Commodities" (Headquarters, Department Of The Army, Washington, D.C., September 2002) and U.S. Army Technical Bulletin- TB 9-1300-278: "Guidelines For Safe Response To Handling, Storage, And Transportation Accidents Involving Army Tank Munitions Or Armor Which Contain Depleted Uranium" (Headquarters, Department Of The Army, Washington, D.C., JULY 1996). Specifically section 2-4 of United States Army Regulation-AR 700-48 dated September 16, 2002 requires that:

- (1) "Military personnel "identify, segregate, isolate, secure, and label all RCE" (radiologically contaminated equipment).
- (2) "Procedures to minimize the spread of radioactivity will be implemented as soon as possible."
- (3) "Radioactive material and waste will not be locally disposed of through burial, submersion, incineration, destruction in place, or abandonment" and
- (4) "All equipment, to include captured or combat RCE, will be surveyed, packaged, retrograded, decontaminated and released IAW Technical Bulletin 9-1300-278, DA PAM 700-48" (Note: Maximum exposure limits are specified in Appendix F).

United States Department of Defense leaders are not showing the depleted uranium training tapes to military personnel. These three video tapes: (1) "Depleted Uranium Hazard Awareness", (2) "Contaminated and Damaged Equipment Management", and (3) "Operation of the AN/PDR 77 Radiac Set" are essential to understanding the hazards from the use of uranium weapons and management of uranium weapons contamination. These educational videos must shown to not only United States but all military personnel from every nation that is involved in use of uranium munitions and the consequent management of uranium contamination.

The previous and current use of uranium weapons, the release of radioactive components in destroyed U.S. and foreign military equipment, and releases of industrial, medical, research facility radioactive materials have resulted in unacceptable exposures. Therefore, decontamination must be completed as required by United States Army Regulation 700-48 that includes not only uranium weapons but releases of all radioactive materials resulting from military operations.

The extent of adverse health and environmental effects of uranium weapons contamination is not limited to combat zones in the Balkans, Iraq, and Afghanistan but includes facilities and sites where uranium weapons were manufactured or tested including Vieques; Puerto Rico; Colonie, New York; Concord, MA; Jefferson Proving Grounds, Indiana; and Schofield Barracks, Hawaii. Therefore medical care must be provided by the United States Department of Defense officials to all civilians and military personnel affected by the manufacturing, testing, research, and/or use of uranium munitions. Thorough environmental remediation also must be completed without further delay.

I am disgusted that almost twenty – four years to the day after I was tasked to clean up the depleted uranium mess from Gulf War 1 and over 19 years since I completed the depleted uranium project that United States Department of Defense officials and others still attempt to justify uranium munitions use while refusing to provide mandatory medical care and complete mandatory environmental remediation. Sadly, Department of Defense, Department of Energy, and Department of Veterans Affairs officials, and their representatives continue personal attacks aimed to silence or discredit those of us who demand that medical care be provided to all DU casualties and that environmental remediation be completed in compliance with U.S. Army Regulation 700-48. But beyond the ignored mandatory actions the willful dispersal of tons of solid radioactive and chemically toxic munitions contamination in the form of uranium munitions is illegal (http://www.traprockpeace.org/karen_parker_du_illegality.pdf) and just does not even pass the common sense test. According to the U.S. Department of Homeland Security, DHS, uranium munitions are dirty bomb. DHS issued "dirty bomb" response guidelines, http://www.access.gpo.gov/su_docs/aces/fr-cont.html, on January 3, 2006 for incidents within the United States but ignore DOD use of uranium weapons and existing DOD regulations. These guidelines specifically state that: "Characteristics of RDD and IND Incidents: A radiological incident is defined as an event or series of events, deliberate or accidental, leading to the release, or potential release, into the environment of radioactive material in sufficient quantity to warrant consideration of protective actions. Use of an RDD or IND is an act of terror that produces a radiological incident." Thus the use of uranium munitions is "an act of terror" as defined by DHS. Finally continued compliance with the infamous March 1991 Los Alamos Memorandum that was issued to ensure continued use of uranium munitions can not be justified.

Specific actions to mitigate the adverse health and environmental effects caused by the previous and current use of uranium munitions must be implemented. The leaders of the nations who have used and are using uranium munitions must acknowledge and accept responsibility for willful use of illegal uranium munitions- their own "dirty bombs"- resulting in adverse health and environmental effects.

They must order:

1. medical care for all civilian, combatant, and noncombatant casualties,
2. thorough environmental remediation,
3. immediate cessation of retaliation against all individuals who demand compliance with medical care and environmental remediation requirements,
4. and stopping the already illegal the use (UN finding) of depleted uranium munitions.

References- The following web sites provide copies of the actual regulations and orders and other pertinent official documents related to the use of uranium weapons and mandatory but ignored response to the adverse health and environmental effects. I will also send copies of these documents these as attachments. The web site reference to

http://www.traprockpeace.org/du_dtic_wakayama_Aug2002.html is a copy of a hidden internal United States Department of Defense briefing given by Colonel J. Edgar Wakayama that confirms adverse health and environmental effects.

<http://www.traprockpeace.org/twomemos.html>

http://www.traprockpeace.org/rokke_du_3_ques.html

http://www.traprockpeace.org/du_dtic_wakayama_Aug2002.html

http://www.traprockpeace.org/karen_parker_du_illegality.pdf

http://www.access.gpo.gov/su_docs/aces/fr-cont.html

<http://cryptome.org/dhs010306.txt>

http://www.boston.com/news/local/articles/2008/05/15/razing_urged_for_waste_site/

http://www.tdn.com/articles/2008/04/29/area_news/doc4816651072f72767559743.txt>

http://web.ead.anl.gov/uranium/pdf/IHLWM_Dole_paper.pdf

<http://web.ead.anl.gov/uranium/pdf/DUCRETEIntroductionJune2003.pdf>

<http://web.ead.anl.gov/uranium/pdf/ducretcosteffec.pdf>

TROOPER" – A Film by Christopher Martini

iTunes Canada - <http://bit.ly/Trooper-iTunesCA>

iTunes USA - <http://bit.ly/Trooper-iTunesUS>

Google Play - <http://bit.ly/Trooper-GooglePlay>

PlayStation - <http://bit.ly/Trooper-PlayStation-CA>

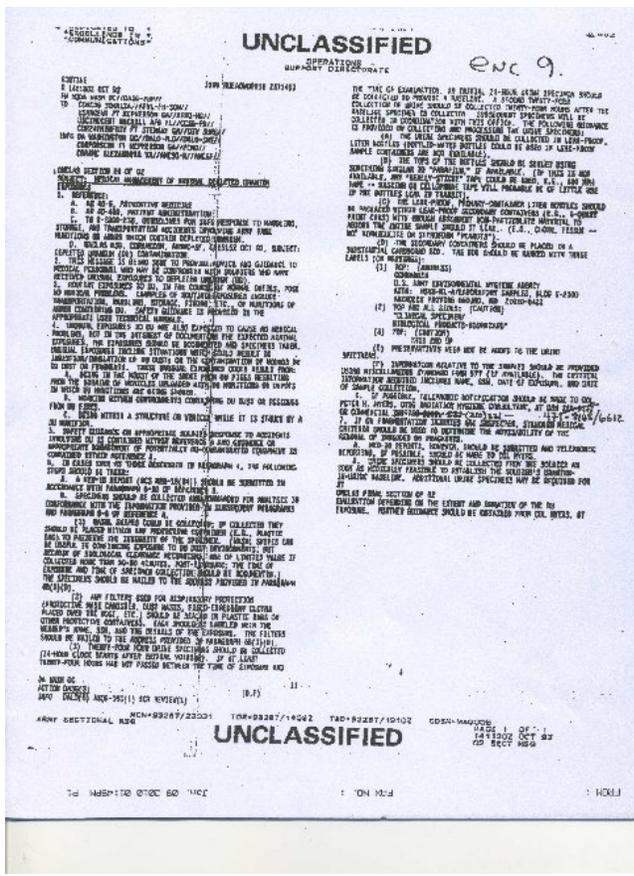
Xbox - <http://bit.ly/Trooper-Xbox>

Shaw Cable - <http://bit.ly/Trooper-ShawVOD>

Vimeo on Demand – <https://vimeo.com/ondemand/trooper>

Photo by David Silverman (Getty Images) Image 71440735 <http://editorial.gettyimages.com>

ignored medical care order for du exposures is:



Task number: 031-503-1017 "RESPOND TO DEPLETED URANIUM/LOW LEVEL RADIOACTIVE MATERIALS (DULLRAM) HAZARDS", STP 21-1-SMCT: Soldiers Manual of Common Tasks, Headquarters Department of the Army, Washington, D.C.

RESPOND TO DEPLETED URANIUM/LOW LEVEL RADIOACTIVE MATERIALS (DULLRAM) HAZARDS
031-503-1017

NOTE: This task is for wartime situations only. Federal, state, and local laws and regulations have precedence during peacetime.

Conditions

Given any combat situation where Depleted Uranium (DU) munitions, or weapon systems that may contain DU or other Low Level Radioactive (LLR) Materials are in use or may be used; cravat/handkerchief, assigned protective mask, first-aid supplies, article similar to duct tape, NBC protective gloves; and one of the following situations:

1. You encounter serviceable, expended, or damaged DU kinetic energy penetrators or other munitions containing DU.
2. You encounter operational or damaged US or foreign equipment that had dull-black, heavy dust with any of the following:
 - a. Radioactive components.
 - b. Spalling looks like melted and re-hardened solder and will be visible around the entry hole created by the DU round as it enters the armor of the vehicle. Residual splattering of spalling could be located inside the vehicle.

Standards

Prevent DULLRAM contamination from entering your body.

TRAINING AND EVALUATION

Training Information Outline

NOTE: DULLRAM contamination will not interfere with mission completion.

NOTE: The only way to confirm DULLRAM contamination is with a radiation detection device.

1. Identify DULLRAM hazard.

a. Identify serviceable, expended, or damaged DU kinetic energy penetrators or other munitions that might contain DU.

b. Identify possible radioactive components in US or foreign equipment.

c. Identify the following DULLRAM visual impact signatures on damaged US or foreign equipment:

(1) Spalling looks like melted and re-hardened solder and will be visible around the entry hole created by the DU round as it enters the armor of the vehicle. Residual splattering of spalling could be located inside the vehicle.

(2) Dull black heavy dust.

2. Protect respiratory system.

a. Put on field expedient respiratory protection (cravat, handkerchief, etc.)

b. Put on protective mask as required if you are working in or around burning vehicle/equipment/material.

NOTE: Only use protective mask if working in an area where heavy smoke or immediately after DU round has hit your vehicle/equipment/material or the dust plume from the impact has not settled.

3. Warn others of DULLRAM hazard.

a. Alert other crew members or individuals within 50 meters of the possible DULLRAM hazard.

b. If vehicle or munitions are on fire, immediately get out and seek adequate cover.

CAUTION

Vehicles that have been hit with munitions may contain unexploded ordnance. This ordnance may not retain its normal shape, and could be unstable. Exercise extreme caution when working near vehicles/equipment/materials, or when removing casualties, since the unstable ordnance may explode.

c. Don't react to this as you would an NBC attack.

NOTE: Individuals within a 50 meter radius of a vehicle are not required to wear respiratory protection unless they are working in an area where (1) heavy smoke, or (2) immediately after DU round has hit the vehicle/equipment/material, (3) or the dust plume from the impact has not settled.

NOTE: Do not submit NBC 1 Report too higher as you would with an NBC attack. Submit an NBC4 report.

4. Protect yourself from contact with DULLRAM.

a. Administer first aid as required.

(1) Immediately flush open wounds with water.

(2) Cover with field dressing. Do not attempt to remove any imbedded fragments.

b. Cover exposed skin if you are within 50 meters of hazard by pulling down sleeves, blouse pants, put on MOPP gloves, and button up coat.

c. Seal loose contamination on equipment surfaces using duct tape or other available products.

5. Report the suspected contamination to your supervisor and request further guidance.

NOTE: Contamination will make food and water unsafe for consumption. Contamination will not interrupt vehicle/equipment use.

Evaluation Preparation

Setup: Evaluate this task during a field exercise or during a normal training session. Establish a situation where contamination may occur. Have a piece of equipment or vehicle and simulate a DU round impact or LLR Material damaged by any means possible.

Brief Soldier: Tell the soldier that the vehicle/equipment has possible contamination in a certain location. Tell the soldier to identify the possible hazard and respond appropriately to the situation.

REFERENCES

Required: None

Related: TB 9-1300-278 and FM 3-4

	HANDS-ON EVALUATION	DATE:
	TASK TITLE	TASK NUMBER
	Respond To Depleted Uranium/Low Level Radioactive Materials (Dullram) Hazards (SL 1-4)	031-503-1017

ITEM	PERFORMANCE STEP TITLE	(CIRCLE ONE)
1	Identified possible hazards	GO / NO GO
	NOTE: Method used depends on scenario selected	
2	Assumed field expedient respiratory protection (cravat/handkerchief) immediately or donned protective mask as required	GO / NO GO
3	Warned others of DULLRAM hazard	GO / NO GO
	a. Alerted other crew members or individuals within 50 meters of the possible DULLRAM hazard	GO / NO GO
	b. Got out of vehicle and seek shelter if vehicle or munitions are on fire	GO / NO GO
4	Protected himself from contact with DULLRAM a. Administered first aid (1) Flushed open wounds with water. (2) Covered open wounds with field dressing. Did not attempt to remove any imbedded fragments b. Covered exposed skin within 50 meters of hazard (pulled down sleeves, bloused pants, put on MOPP gloves, and buttoned up coat) c. Sealed loose contamination on equipment surfaces	GO / NO GO GO / NO GO GO / NO GO
5	Reported suspected contamination to supervisor	GO / NO GO
	Score the soldier GO if all performance measures are passed. Score the soldier NO GO if any performance measure is failed. If the soldier scores NO GO, show the soldier what was done wrong and how to do it correctly. Allow the soldier time to retrain and retest.	
	EVALUATOR'S NAME	UNIT:
	SOLDIER'S NAME	STATUS: GO / NO GO

In a message dated 3/17/2015 1:55:29 P.M. Central Daylight Time, Amy.Snyder@nrc.gov writes:

Hello,

I am the NRC Project Manager for the license that the NRC issued to the U.S. Army for depleted uranium from Davy Crocket spotting rounds. I wanted to let you know that the NRC staff will hold a meeting on March 24, 2015 from 9:00 a.m. to 4:00 p.m. (Eastern Time) about this license. The Army plans on submitting its application to add the remaining sites to be licensed. The Army intends to address all of the sites, to include the Army's Hawaiian installations, in its application.

The meeting announcement information can be found at:
<http://meetings.nrc.gov/pmns/mtg>. The public is invited to observe this

meeting and will have one or more opportunities to communicate with the NRC after the business portion of the meeting but before the meeting is adjourned. If you are interested in calling in to this meeting via a toll-free teleconference, please contact me and I will provide you with the needed information.

Thank you



Amy Snyder, Senior Project Manager

Materials Decommissioning Branch (MDB)

Division of Decommissioning, Uranium Recovery, and Waste Programs (DUWP)

Office of Nuclear Material Safety and Safeguards (NMSS)

U.S. Nuclear Regulatory Commission (NRC)

Washington, D.C. 20555

 Office: (301) 415-6822

 Fax: (301) 415-5369

 Mail Stop: T8-F5M

☆ Location: T8-E06B

 E-mail: amy.snyder@nrc.gov

=