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**Subject:** [External\_Sender] Re: NRC ISSUES AMENDMENT NO. 1, SUC-1593, Davy Crockett Depleted Uranium  
**Date:** Tuesday, March 22, 2016 12:59:14 PM

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just frigging wonderful. army leaders neither care about human health nor the environment and that will never change.

the mess goes right back to the march 1991 defense nuclear agency memo and the march 1 1991 los alamos memo directing all and specifically me as i began the desert storm depleted uranium friendly fire clean up- to lie in our reports to avoid any accountability for adverse health and environmental effects and thus sustain weapons use.

reference:

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

and i we still can not obtain optimal medical care either.

doug rokke

in summary:

**The Health and Environmental Effects of Uranium Munitions- Report for Archbishop Silvano Tomasi, Apostolic Nuncio, Permanent Observer of the Holy See to the United Nations Office and other International Observations.**

**Prepared by:**

**Doug Rokke; Ph.D.; Major, retired/disabled; U.S. Army former Director, U.S. Army Depleted Uranium project**

**December 13 , 2008**

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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. Recently the emirate of Kuwait 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 has been 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.

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](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 seventeen years after I was tasked to clean up the depleted uranium mess from Gulf War 1 and over thirteen 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](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](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.

I pray that you and our Holy Father Pope Benedict XVI will able to provide some influence to stimulate leaders of nations responsible for the uranium weapons catastrophe to finally provide medical care to all casualties and to complete environmental remediation. I pray that we can finally encourage the leaders all nations to never use uranium munitions again. I pray that you will join me in my hope for Divine intervention. I pray that together we can motivate God's children, the citizens of all nations, to live together in peace. In conclusion I wish to quote Archbishop Tutu's comments to the United Nations Human Rights Council on September 18, 2008; "God is hoping that somehow you will help to make God's world a more gentle place, more compassionate place, a more caring place. And God has no one except such as you. I pray that you will be able to fulfill this high calling. It is a high calling. It is a divinely given vocation." I have accepted this calling but I pray for your help and assistance. I pray for God's assistance.

THANK YOU.

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](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/rokke_du_3_ques.html)

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In a message dated 3/22/2016 8:52:27 A.M. Central Standard Time, Amy.Snyder@nrc.gov writes:

Aloha,

The Nuclear Regulatory Commission (NRC) issued Amendment No. 1 to Source Materials License No. SUC-1593 to the Army. This amendment authorizes the U.S. Army to possess depleted uranium (DU).

The NRC has added 15 installations to Source Material License No. SUC-1593. The initial license applied to Schofield Barracks on the Island of Oahu and the Pohakuloa Training Area on the Island of Hawaii. The amendment license now also applies to Forts Benning and Gordon (Georgia); Forts Campbell and Knox (Kentucky); Fort Carson (Colorado); Fort Hood (Texas); Joint Base Lewis-McChord/Yakima Training Center (Washington); Fort Bragg (North Carolina); Fort Polk (Louisiana); Fort Sill (Oklahoma); Fort Jackson (South Carolina); Fort Hunter Liggett (California); Fort Wainwright (Alaska); Joint Base McGuire-Dix-Lakehurst (New Jersey); and Fort Riley (Kansas).

The physical security and radiation safety programs are similar to those in the original license. But the environmental monitoring program will change. The Army showed, and the NRC agreed, that less environmental monitoring is needed because the exposures would be well below the NRC limits even during ground disturbing activities. The program now has criteria for developing separate environmental monitoring plans for each of the installations. These plans would generally require limited monitoring of potential routes for transport of contamination out of the impact areas. They would also include criteria for periodic review to address any changes that may affect risk, tailored to the conditions at each installation. The license requires the Army to develop these site-specific plans within six months and submit them for NRC review. If they are approved, the Army must implement the plans within six months. They would then be subject to NRC inspection and enforcement.

The license does not authorize the Army to use the DU or decommission the sites. Any cleanup would require additional review and approval by the NRC to ensure that public health and safety will continue to be protected.

The press release and the fact sheet are found on the NRC's public web page at <http://www.nrc.gov/reading-rm/doc-collections/news/>, and <http://www.nrc.gov/reading-rm/doc-collections/fact-sheets/bg-license-app-du.html>), respectively.

The NRC's safety evaluation report and the license amendment will be publicly available on March 28 (ADAMS Accession No. ML16039A225).

If you have any questions, please contact me.

Mahalo.



Amy Snyder, Senior Project Manager

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