

From: [Cherry, Robert N CIV USARMY IMCOM HQ \(USA\)](#)
To: [Svoboda, Mary B CIV USARMY ATEC \(USA\)](#)
Cc: [Davis, Gurvis Jr CIV USARMY ATEC \(US\)](#); [Mikulski, Timothy H CIV USARMY HQDA ASO \(USA\)](#); [Valadez, Ernesto Jr CIV USARMY IMCOM HQ \(USA\)](#); [Alston, Kimberly D MAJ USARMY \(USA\)](#); [Demcko, Michael A CIV USARMY ATEC \(USA\)](#)
Subject: [External_Sender] RE: Davy Crockett DU at YPG
Date: Friday, December 13, 2019 1:12:38 PM

All, FYSA,

Here is the executive summary from the APG ASR:

Summary

- The Davy Crockett Light Weapon System M28 was fired at Aberdeen Proving Ground for tests and firing demonstrations.
- A direct shipment of two hundred (200) service rounds of Cartridge, 20mm Spotting M101 was sent to Aberdeen Proving Ground. An additional 244 prototype and experimental 20mm spotting rounds were fired at the installation.
- At least one Davy Crockett Light Weapon M28 and three Davy Crockett Heavy Weapons were assigned to Aberdeen Proving Ground.
- The 20mm spotting round was fired at the Barricade 2 Range and at the Trench Warfare Range; and possibly at the 9600 Recovery Field (currently 9600 Yard Impact Area).
- It was standard practice at Aberdeen Proving Ground to recover all Davy Crockett munitions debris for posttest analysis. A determination as to the presence or absence of Davy Crockett Weapon System components or ammunition debris could not be made.

The degree of confidence in the above conclusions is HIGH.

Again, although not provable, it is likely that all rounds fired at APG were retrieved for analysis, just as the YPG ASR says.

While I believe "retrieval" should be applicable for the Frankford Arsenal test range at Fort Dix and the cold weather test range at Fort Greely, the ASRs for those sites do not include retrieval language.

I will ask the NRC project manager informally (via BCC on this thread) about whether it is worth the effort (theirs and ours) to ask for an amendment to delete the Donnelly Training Area in Alaska and the Frankford Arsenal test range at Fort Dix from the license. Again, thanks to Ms. Gersey (also on BCC) for re-surfacing this issue.

The recovery of "all Davy Crockett munitions debris for posttest analysis" should be applicable for all four test sites, although only two ASRs include that language. The same organization performed the testing at all four sites.

Bob

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-----Original Message-----

From: Svoboda, Mary B CIV USARMY ATEC (USA)

Sent: Thursday, December 12, 2019 5:30 PM

To: Cherry, Robert N CIV USARMY IMCOM HQ (USA) <robert.n.cherry.civ@mail.mil>

Cc: Davis, Gurvis Jr CIV USARMY ATEC (US) <gurvis.davis.civ@mail.mil>; Mikulski, Timothy H CIV USARMY HQDA ASO (USA) <timothy.h.mikulski.civ@mail.mil>; Valadez, Ernesto Jr CIV USARMY IMCOM HQ (USA) <ernesto.valadez.civ@mail.mil>; Alston, Kimberly D MAJ USARMY (USA) <kimberly.d.alston.mil@mail.mil>; Demcko, Michael A CIV USARMY ATEC (USA) <michael.a.demcko.civ@mail.mil>

Subject: Re: Davy Crockett DU at YPG

Good Evening Bob,

You're raising a valid point. We at YPG have held the assumption that the XM101 rounds were shipped back to the equivalent of a Program Manager after being tested & recovered, but we have no documentation to prove it. If this is a concern for the NRC my request would be that we be allowed to adjust our current DU license inventory to reflect the addition of mass equal to 50 XM101 rounds located in our licensed impact area.

V/R,

Mary

Mary Svoboda

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> On Dec 12, 2019, at 3:37 PM, Cherry, Robert N CIV USARMY IMCOM HQ (USA)

<robert.n.cherry.civ@mail.mil> wrote:

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> Mary (and all on the BCC line),

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> FYSA:

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> Linda Gersey, an NRC inspector who inspected my DU license activities at JBLM, said I should talk to Mary about the subject. I just FTPed the USACE archive search report (ASR) about subject to Mary. The ASR executive summary says "Approximately 50 Cartridges, 20mm Spotting XM101 were fired during 1961 at YTC. All fired XM101 rounds were recovered." [it is late in the day and I have not yet looked at the APG ASR. More on APG tomorrow after I look at it.]

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> In the early days of setting up my license, Greg Komp and I told the NRC that any Davy Crockett DU at YPG and APG should be covered by the existing DU licenses at APG and YPG. (I did not read the YPG ASR and saw the conclusion until today although I have always had it!) The NRC seemed to accept that, but Linda is not so sure that the NRC ever took any action on this. I think that though Greg, Gurvis, and I talked about this often, I think that no one at NRC, YPG, or APG ever added it to the APG and YPG licenses' inventory.

>

> I considered that this was business between ATEC, YPG, APG, and the NRC, so I stayed out of it because I had my own worries to set up my license at 16 other installations. Now it looks like the NRC has noticed this again, so hence this email.

>

> I still believe that the APG and YPG DU licenses cover this stuff if any of it is there, but we obviously need some formal action that involves the NRC. I recommend that Gurvis contact the NRC with the information in the YPG ASR, so the NRC, for the record, can remove YPG from any future consideration about Davy Crockett DU at YPG. If the NRC accepts the ASR conclusion (the NRC did not accept my similar conclusion about this topic for Cold Weather test site at Fort Greely and at the Franklin Arsenal test site at Fort Dix, but after reading the YPG ASR conclusion, I may try again; more on this tomorrow, too].

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> If the NRC want to license YPG Davy Crockett DU and someone decides that IMCOM rather than ATEC should add YPG and APG Davy Crockett DU to our license, we should begin negotiations that will include an alert to my command group and the NRC.

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> Bob
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