

October 29, 2015

Dr. Robert Cherry, Radiation Safety Officer  
U.S. Army Installation Management Command  
ATTN: IMSO/301  
Building 2261  
2405 Gun Shed Road  
JBSA Fort Sam Houston, Texas 78234-1223

SUBJECT: SECOND REQUEST FOR ADDITIONAL INFORMATION - TECHNICAL  
REVIEW OF THE U.S. ARMY'S APPLICATION TO AMEND THE SOURCE  
MATERIALS LICENSE FOR DEPLETED URANIUM FROM DAVY CROCKETT  
M101 MUNITIONS - (SUC-1593, DOCKET NO. 40-09083)

Dear Dr. Cherry:

The U.S. Army Installation Management Command (Army) submitted its application, dated June 1, 2015, to address the 15 sites subject to License Condition No. 12 of Source Materials License No. SUC-1593 (Agencywide Documents Access and Management System [ADAMS] Accession No. ML13259A062). The Army proposes to use a programmatic approach to license 15 sites on multiple Army installations as well as the sites located on the two Army installations located in Hawaii which are already licensed under Source Materials License No. SUC-1593. On August 25, 2015, the U.S. Nuclear Regulatory Commission (NRC) accepted the Army's application for review (ADAMS Accession No. ML15194A497). On August 31, 2015, the NRC requested additional information (ADAMS Accession No. ML15240A043) from the Army in order for the NRC staff to complete its review of this application. On September 30, 2015, the Army provided its Request for Additional Information (RAI) response (ADAMS Accession No. ML15294A276).

The NRC staff has reviewed the Army's RAI response and has determined that additional information is needed in order for the NRC staff to complete its review of this application. The NRC staff's RAI is provided in the enclosure. Please provide a response to the enclosed RAI within 30 days of receipt of this letter or an alternative response schedule with justification for the NRC staff's consideration.

As indicated in the September 25, 2014, meeting summary on the key aspects of a programmatic approach (ADAMS Accession No. ML14293A129), "Upon the NRC staff's required findings, as documented in the NRC staff's Safety Evaluation Report (SER), there would be license condition(s) requiring the Army to develop the site-specific program plans for each of the remaining sites in question (identified in License Condition No. 12 of License SUC-1593) in accordance with milestones. The milestones would be part of the license and subject to enforcement. The milestones in the license conditions would be based on the Army's application and the NRC staff's evaluation. The draft license conditions will be developed by the NRC staff and shared with the Army before they are finalized to give the Army an opportunity to comment and to ensure understanding before they become finalized and are incorporated in the license." Based on the criteria provided in the Army's June 1, 2015 application and September 30, 2015, RAI response, the NRC staff understands that the Army intends to develop

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site-specific modeling evaluations, site-specific procedures for environmental monitoring, and site-specific environmental monitoring plans. The NRC staff is in the process of completing its safety review of your application and is developing draft license conditions with implementation milestone schedules for these actions. The NRC staff anticipates that the draft license conditions will be ready to share with the Army in early December 2015. The NRC will provide the Army with an opportunity to review and comment on the draft license conditions before they are finalized.

In accordance with 10 CFR 2.390 of the NRC's "Agency Rules of Practice and Procedure," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of NRC's ADAMS. ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

If you have any questions, please contact me at 301-415-6822 or by e-mail at [Amy.Snyder@nrc.gov](mailto:Amy.Snyder@nrc.gov).

Sincerely,

*/RA/*

Amy M. Snyder, Senior Project Manager  
Materials Decommissioning Branch  
Division of Decommissioning, Uranium Recovery,  
and Waste Programs  
Office of Nuclear Material Safety  
and Safeguards

Docket Number: 040-09083  
License Number: SUC-1593

Enclosure:  
Request for Additional Information

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If you have any questions, please contact me at 301-415-6822 or by e-mail at [Amy.Snyder@nrc.gov](mailto:Amy.Snyder@nrc.gov).

Sincerely,

*/RA/*

Amy M. Snyder, Senior Project Manager  
Materials Decommissioning Branch  
Division of Decommissioning, Uranium Recovery,  
and Waste Programs  
Office of Nuclear Material Safety  
and Safeguards

Docket Number: 040-09083  
License Number: SUC-1593

Enclosure:  
Request for Additional Information

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**ADAMS Accession No.:**

**ML15301A212**

OFC	NMSS/DUWP/MDB	NMSS/DUWP/MDB	NMSS/DUWP/PAB	NMSS/DUWP/MDB
NAME	A. Snyder	T. Moon	C. McKenney	M. Norato
DATE	10/28/15	10/28/15	10/29/15	10/29/15

**OFFICIAL RECORD COPY**

**Davy Crockett Amendment Application, date June 1, 2015, Source Materials License  
No. SUC-1593**

**Second Request for Additional Information**

**Request for General License for 3 sites located at Fort Carson, Colorado**

With respect to Attachment 9 of the June 1, 2015 submittal (Agencywide Documents Access and Management System [ADAMS] Accession No. ML13259A062), regarding the Fort Carson Impact Areas near Sergeants and Titus Rd:

1. What are the current and projected land uses for these areas?
2. Please provide the referenced document, "*Fort Carson Davy Crockett Phase I, Depleted Uranium Investigation, Fort Carson, Colorado.*" Baltimore, Maryland: Cabrera Services, 2009.
3. Finally, identify the radiological controls and monitoring requirements that the Army plans to require for these areas, if a general license were to be in effect.

Enclosure