



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
611 RYAN PLAZA DRIVE, SUITE 400  
ARLINGTON, TEXAS 76011-4005

January 16, 2008

Department of the Army  
Developmental Test Command  
ATTN: Tanya Palmateer Oxenberg  
ATEC/DTC/YPG Radiation Safety Staff Officer  
314 Longs Corner Road (CSTE-DTC-RI-S)  
Aberdeen Proving Ground, Maryland 21005-5055

SUBJECT: LICENSE AMENDMENT

Please find enclosed Amendment No. 17 to License No. SMB-1411, **acknowledging your decision to release the "Roadrunner Drop Zone" for unrestricted use and add the "Ironwood Drop Zone"** for future airdrop testing. An environmental assessment for this action is not required, since this action is categorically excluded under 10 CFR 51.22(c)(14)(xv). You should review this license carefully and be sure that you understand all conditions. If you have any questions, please contact me at 925-673-9646.

In addition, please note that NRC Form 313 requires the applicant, by signature, to verify that the applicant understands that all statements contained in the application are true and correct to the best of the applicant's knowledge. The signatory for the application should be the licensee or certifying official rather than a consultant. Since the NRC also accepts a letter requesting amendment of an NRC license, the signatory for such a request should also be the licensee or certifying official rather than a consultant.

NRC will periodically inspect your radiation safety program. Failure to conduct your program according to NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC may result in enforcement action against you. This could include issuance of a notice of violation; imposition of a civil penalty; or an order suspending, modifying, or revoking your license as specified in the Enforcement Policy. The NRC Enforcement Policy is available on the following internet address:  
<http://www.nrc.gov/what-we-do/regulatory/enforcement/enforc-pol.pdf>.

The NRC no longer publishes the NRC Rules and Regulations loose leaf supplements. However, an electronic version of the NRC's regulations is available on the NRC Web site at [www.nrc.gov](http://www.nrc.gov). To view these regulations, highlight "Electronic Reading Room" and choose "Regulations" on the drop down menu. An electronic version of the NUREG-1556 Series publications is also available on the NRC Web site. To view these guidance documents, highlight "Electronic Reading Room"; choose "All Collections" on the drop down menu; choose "NUREGS (NRC Reports)"; and select "Publications Prepared by the NRC Staff". Then, choose "NUREG-1556" from the table and select the appropriate volume(s) for your license type.

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

Thank you for your cooperation.

Sincerely,

**\RA\**

James L. Montgomery, Health Physicist  
Nuclear Materials Licensing Branch

Docket: 040-08814  
License: SMB-1411  
Control: 471570

Enclosure: As stated

cc:  
Mr. Anthony Brockington  
U.S. Army Yuma Proving Ground  
301 C Street (ATTN: CSTE-DTC-YP-PO-MI)  
Yuma, AZ 85365-9428

**MATERIALS LICENSE**

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee  1. Department of the Army Commander  2. U. S. Army Yuma Proving Ground Yuma Proving Ground, Arizona 85365-9124	In accordance with letter dated November 6, 2007  3. License number SMB-1411 is amended in its entirety to read as follows:  4. Expiration date October 31, 2011  5. Docket No. 040-08814 Reference No.
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6. Byproduct, source, and/or special nuclear material  A. Uranium  B. Uranium  C. Thorium	7. Chemical and/or physical form  A. Natural uranium (any chemical or physical form)  B. Depleted uranium metal alloy  C. Natural thorium (any chemical or physical form)	8. Maximum amount that licensee may possess at any one time under this license  A. 13.6 millicuries  B. 36 curies  C. 2.2 millicuries
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9. Authorized use:  
  
 A., B. and C. Testing of military material containing uranium components and as shielding for radioactive material or devices.

**CONDITIONS**

- 10. A. Licensed material may be used for nondestructive testing at the U.S. Army Yuma Proving Ground.
- B. Licensed material shall be fired only at Gun Positions 20 through 17, the East Gun Position, and the associated impact areas on the KOFA Firing Range within the U.S. Army Yuma Proving Ground.
- 11. A. Licensed material shall be used by, or under the supervision of, individuals designated by the licensee's Radiation Protection Committee.
- B. The Radiation Safety Officer for activities under this license is Tanya Palmateer Oxenberg.
- 12. Authorized use locations listed in License Condition 10 may not be released for unrestricted use until the licensee verifies that the appropriate release criteria specified by the U.S. Nuclear Regulatory Commission have been satisfied.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number

SMB-1411

Docket or Reference Number

040-08814

Amendment No. 17

13. The licensee shall conduct an annual review of environmental data. The review shall include a summary of the data for the past year, identify any action levels that were exceeded, and discuss corrective actions which have been taken or are planned. The review and summary shall be maintained for inspection purposes.
14. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
15. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Application dated May 24, 2001 (ML013120211)
  - B. Letter dated August 20, 2001 (ML012350394)
  - C. Letter dated September 17, 2001 (ML013120578)
  - D. Letter dated February 20, 2002 (ML020600499)
  - E. Letter dated July 8, 2004 (ML042120567)
  - F. Letter dated September 30, 2004 (ML042920168)
  - G. Electronic mail dated March 20, 2006 (ML060870108)
  - H. Letter received April 19, 2007 (ML071200289)
  - I. Letter dated November 6, 2007 (ML073340143)

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

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Date: January 16, 2008

By: \_\_\_\_\_

James L. Montgomery, Health Physicist  
Nuclear Materials Safety Branch B  
Region IV  
Arlington, Texas 76011