



**CABRERA SERVICES**  
RADIOLOGICAL • ENVIRONMENTAL • REMEDIATION

November 6, 2006

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Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region I  
475 Allendale Road  
King of Prussia, PA 19406  
ATTN: Director, Division of Nuclear Materials Safety

RE: Completion of job activities at temporary job site utilizing U.S. NRC Radioactive  
Material License #06-30556-01 **03035316**

Dear Sir or Madam:

Cabrera Services Inc. (CABRERA) is providing this written notification regarding the completion of job activities at a temporary job site utilizing CABRERA Material License #06-30556-01 Amendment 01. The attached information is provided as required by license condition 18B.

If you should have any questions regarding this notification, please contact either Henry W. Siegrist or David J. Watters at CABRERA (860) 285-1885.

Sincerely,

Henry Siegrist, CHP, P.E.  
Corporate Health Physicist

attachment

RECEIVED  
REGION I  
2006 NOV - 7 AM 10: 46

139699  
NMSS/RGNI MATERIALS-C02

**ATTACHMENT**  
**COMPLETION OF 2006 ACTIVITIES AT**  
**BOMARC MISSILE SITE, McGUIRE AIR FORCE BASE**  
**NEW EGYPT, NEW JERSEY**  
**(NRC Mail Control 139103)**

Cabrera Services, Inc. (CABRERA) provided radiological remediation services addressing radioactive contamination present in soil at the BOMARC Missile Site located at McGuire AFB, New Egypt, NJ (Site). Contaminated soil removal was accomplished using various hand tools. The removed soil was packaged and placed in approved waste containers. Cabrera Services, Inc. (CABRERA) is contracted through the Air Force Center for Environmental Excellence (AFCEE), located at the Brooks City-Base, San Antonio, Texas to provide this support.

The US Air Force (USAF) maintains control of the soil and any accompanying radioactive material. CABRERA did not take possession of any radioactive materials derived from the Site.

The following information is being transmitted to you as required by condition 18B of the CABRERA Materials License.

- (1) The radioactive material examined during remedial activities was Am-241. Soils were collected, analyzed, packaged on-site, and remained under the control of the USAF as part of the remediation activities.

All CABRERA onsite activities for this work evolution were completed by September 15, 2006.

- (2) CABRERA utilized portable radiation detection equipment including a field gamma spectroscopy system along with a licensed radioactive 0.99 microcurie (0.99  $\mu$ Ci) Am-241 calibration source. The source is an Isotope Products Laboratories 5 mm diameter capsule type source with epoxy backing and an acrylic cover. The source was used to provide calibration geometries to allow determination of soil radioactivity levels at various depths in the soil.

The source was removed from the site on September 15, 2006 and returned to an appropriate off site storage location. Delivery of this non-exempt source was confirmed by email on September 18, 2006. The control of this source constituted the only use of the CABRERA Material License at the BOMARC Missile Site during this work evolution.

- (3) All IDW was properly packaged and surveyed in accordance with all applicable local, state and federal regulations, including DOT Hazardous Materials Regulations (U. S. Department of Transportation [DOT] 2005). Contaminated soils have been placed in approved waste containers (B-25 boxes). Waste materials such as gloves, booties, paper towel, plastic sheeting, etc. have been stored in radioactive waste storage bags. Soil and waste material containers were logged, numbered, and placed under the control of the USAF.
- (4) After completion of work activities, radiological surveys were conducted by CABRERA to ensure the absence of Am-241 contamination on equipment associated with remedial activities.
- (5) Four (4) exempt quantity check sources and standards used to provide daily QC and efficiency checks of radiological monitoring and measuring equipment were removed from the BOMARC Missile Site on September 15, 2006. No CABRERA radioactive sources remain on site.

This is to acknowledge the receipt of your letter/application dated

11/6/2006, and to inform you that the initial processing which includes an administrative review has been performed.

Notification 06-30556-01  
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 139699.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.