



**CABRERA SERVICES**  
RADIOLOGICAL • ENGINEERING • REMEDIATION

Br. 4

July 17, 2013

Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region I  
2100 Renaissance Boulevard, Suite 100  
King of Prussia, PA 19406-2713  
ATTN: Director, Division of Nuclear Materials Safety

REC RG 1 07 19 13 AM 10 44

RE: Completion of Job Activities at Temporary Job Site Utilizing U.S. NRC  
Radioactive Material License #06-30556-01

Dear Sir or Madam:

03035316

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 05. The attached information is provided as required by license condition 18B.

If you should have any questions regarding this notification, please contact Henry W. Siegrist at CABRERA (860) 569-0095.

Sincerely,

Henry Siegrist, CHP, P.E.  
Radiation Safety Officer

attachment

581411

NMSS/RGN1 MATERIALS-002

**ATTACHMENT**  
**COMPLETION OF 2013 ACTIVITIES AT**  
**W111 LITTLE MOUNTAIN TEST ANNEX**  
**MAGNESIUM THORIUM DISPOSAL TRENCH**  
**HILL AIR FORCE BASE, UTAH**  
**(June 2013 - No NRC Mail Control)**

Cabrera Services, Inc (CABRERA) provided characterization support work at the Little Mountain Test Annex Magnesium Thorium Disposal Trench (Site) associated with Hill Air Force Base, Utah. CABRERA also provided training and radiological control activities utilizing CABRERA NRC Materials License, number 06-30556-01 Amendment 05 at this temporary job site. This information is being transmitted to you as required by condition 18.b of the CABRERA Materials License.

The following work evolutions associated with this job site occurred:

- (1) Radiological training consistent with the Cabrera NRC license was provided to onsite workers associated with radiological services provided.
- (2) Radioactive material examined and handled during characterization activities was a combination of diffuse thorium metal and oxides in soil. Soil borings samples were collected and reviewed for radiological constituents.
- (3) Investigation derived wastes (IDW) were controlled, handled, and staged in on-site containers in accordance with federal and state regulations. The waste included but was not been limited to onsite samples and small amounts of contaminated PPE and equipment (gloves, smears, filters, used containers, etc.). CABRERA did not take possession of any IDW or radioactive materials derived from the Site.
- (4) A fraction of the characterization samples collected for analysis were sent to an outside radiological-licensed laboratory for radiological, chemical, and QA analysis. These samples will be disposed of by the laboratory when analyses are completed.
- (5) Radiological surveys were conducted by CABRERA after completion of work activities to ensure the absence of contamination on equipment used during work evolutions. Regulatory Guide 1.86 values were utilized.
- (6) Three (3) exempt quantity check sources were used to provide routine daily QC and efficiency checks of radiological monitoring and measuring equipment. All sources were removed from the Site by July 3, 2013. No CABRERA radioactive sources remain on site.

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

7/17/13, 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

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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** 581411.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.