



CABRERA SERVICES
RADIOLOGICAL • ENGINEERING • REMEDIATION

May 17, 2011

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RECEIVED
2011 MAY 17 AM 10:30

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 03. 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

ATTACHMENT
COMPLETION OF 2011 ACTIVITIES AT
G-STREET RADIATION SITE EDGEWOOD AREA
ABERDEEN PROVING GROUND, MARYLAND
(NRC Mail Control 574712)

Cabrera Services, Inc. (CABRERA) provided Remedial Investigation (RI) support and remediation services for the G-Street Radiation Site, located within the Edgewood Area (EA) of Aberdeen Proving Ground (APG). The objective of this investigation is to provide a detailed overview of potential radiological contamination at the site and the removal of any suspect materials.

During the G-Street RI and radiation survey several radioactive U.S. Navy deck markers were discovered in the soil. The deck markers were tentatively identified as radium including one strontium deck marker. The markers were removed and packaged in a 55-gallon drum. The drum is scheduled for picked up and removal by trained APG Garrison personnel. Exempt radioactive sources were utilized for daily QC of radiological instrumentation used during the work evolution. The following information is being transmitted to you as required by condition 18.B of the CABRERA Materials License.

- (1) The radioactive material associated with the RI and remediation services was tentatively identified as radium 226 and strontium 90. The deck markers were removed and placed in an appropriate container for short term staging and dose rate measurement.
- (2) Investigation derived wastes (IDW) were controlled and handled in accordance with federal and state regulations. This included onsite soil and water samples, small amounts of contaminated soils removed during remediation, and contaminated PPE and equipment (gloves, smears, used containers, etc.). Brokering, waste manifesting, and ultimate disposal of all material is provided by APG. The drum containing the IDW and removed deck markers was removed from the G-Street site on May 2, 2011 by APG personnel for relocation and staging. Cabrera did not take possession of any radioactive materials derived from the Site.
- (3) The samples collected for analysis were sent to an outside radiological licensed laboratory for radiological analyses. Samples and associated QA duplicate samples will be disposed of by the laboratory when analyses are completed.
- (4) Radiological surveys associated with this radiological screening were conducted by CABRERA after completion of work activities to ensure the absence of contamination on equipment associated with sampling. Regulatory Guide 1.86 values were utilized.
- (5) Several exempt quantity check sources and standards used to provide routine daily QC and efficiency checks of radiological monitoring and measuring equipment. All sources were removed from the Site by April 8, 2011. No CABRERA radioactive sources remain on site.

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

5/17/11, 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** 575161.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.