



CABRERA SERVICES
RADIOLOGICAL • ENGINEERING • REMEDIATION

August 28, 2012

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REGION I
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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

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

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 04. 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
Henry Siegrist, CHP, P.E.
Radiation Safety Officer

attachment

579051

NMSS/RGN1 MATERIALS-002

ATTACHMENT
COMPLETION OF 2011-2012 ACTIVITIES AT
THE FORMER UNITED NUCLEAR CORPORATION
NAVAL PRODUCTS MANUFACTURING FACILITY
NEW HAVEN, CONNECTICUT
(NRC Mail Control 576954)

Cabrera Services, Inc. (CABRERA) provided remediation activities and Final Status Survey (FSS) at the former United Nuclear Corporation Naval Products manufacturing facility in New Haven, Connecticut. The work included removal of radiologically-contaminated soils and debris in support of onsite work evolutions. The radioactive soils and debris were transported to a licensed disposal facility. Both exempt and non-exempt radioactive sources were utilized to support work routines and analyses at the site. The following information is being transmitted to you as required by condition 18.B of the CABRERA Materials License.

- (1) The radioactive material examined and handled during remediation and FSS activities was a combination of diffuse natural and enriched uranium. Soil samples were collected, prepared, and placed in appropriate containers and orientation for gamma spectroscopy analysis and assay. The samples were analyzed onsite utilizing portable high purity germanium (HPGe) gamma spectroscopy equipment.
- (2) Investigation derived wastes (IDW) were controlled, handled, and ultimately disposed of in accordance with federal and state regulations. This waste included onsite samples, small amounts of contaminated PPE and equipment (gloves, smears, filters, used containers, etc.). CABRERA did not take possession of any IDW or FSS radioactive materials derived from the Site.
- (3) A fraction of the FSS samples collected for analysis were sent to an outside radiological-licensed laboratory for radiological, chemical, and QA analysis. These samples were disposed of by the laboratory when analyses were completed.
- (4) 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.
- (5) Three (3) exempt quantity check sources and one (1) non-exempt standard were used to provide routine daily QC and efficiency checks of radiological monitoring and measuring equipment. All sources were removed from the Site by August 22, 2011. No CABRERA radioactive sources remain on site.