



CB&I
150 Royall Street
Canton, MA 02021
Tel: +1 617.589.5000

May 22, 2017

U.S. Nuclear Regulatory Commission, Region I
Attn: Director, Division of Nuclear Materials Safety – Orysia Masnyk Bailey
2100 Renaissance Boulevard, Suite 100
King of Prussia, PA 19406

Subject: Notice of Temporary Field Activities at *Marine Corps Mountain Warfare Training Center Bridgeport, California* under NRC License 20-31340-01

Orysia Bailey - Radioactive Materials Licensing,

This letter is formal notice that CBI Federal Service's LLC's has initiated field activities with radioactive materials at Marine Corps Mountain Warfare Training Center Bridgeport, CA under Radioactive Materials License Number NRC License 20-31340-01. This is a follow up notification to the phone call with Orysia Bailey on Friday May 19, 2017.

1. There is potential for radium-226 in the form of dials and switches located in the landfill. On Thursday May 18, 2017 the following was detected.

Discovered LLRO-001 in Sample trench A-2 at depth of 8-10 feet. Confirmed Ra-226 by portable gamma spec. Appears to be an aircraft cockpit gauge.

Contact 140 uR/hr

@ 30 cm 18 uR/hr

Background 15uR/hr

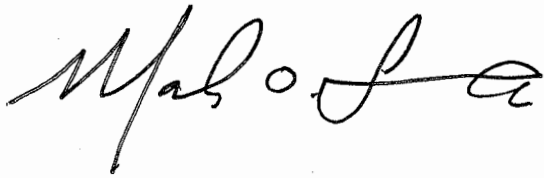
Field check of smears does not indicate removable activity on equipment.

Other potential radionuclides include the following:

- Strontium-90
- Cesium-137
- Depleted uranium (which is primarily uranium-238)
- Natural thorium (primarily thorium-232)

2. The project is located at Marine Corps Mountain Warfare Training Center Bridgeport, CA
3. Radiological support activities consist of the radiological survey of material retrieved from test trenches dug in two landfills at the site to detect the presence of radiological material. This task will include the performance of radiological surveys and controls as necessary if radiological material is detected. Any identified radiological material will be controlled, characterized, and contained for transfer to the base Health and Safety organization for disposal.
4. Project started Thursday May 18, 2017 and is scheduled to be complete in August 2017.
5. Project RSO is James Langsted, CHP contact phone # 303.486.2513 or John Massey at 925.681.9209.

Sincerely,

A handwritten signature in black ink, appearing to read "Mark O. Somerville". The signature is fluid and cursive, with the first name "Mark" being the most prominent.

Mark Somerville
NRC License 20-31340-01 Radiation Safety Officer

Please Reply To:
Mark O. Somerville MPH, Ph.D., CHP
Director-Radiation Safety
Federal Services
925-222-0848
mark.somerville@cbifederalservices.com

Or

Please Reply To: Claire Doherty
Phone: 617.840.3539
E-Mail Address: claire.doherty@cbifederalservices.com